

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WASTE MANAGEMENT

18474

HAZARDOUS WASTE INSPECTION REPORT
TSD FACILITIES - PART A

Date of Inspection 7-26-94 Time start _____ Time finish _____
Name of Inspector CHARLES FEES
Company, installation name BOYERTOWN LANDFILL
Location 300 MERKEL RD. GILBERTSVILLE, PA. 19525
County MONTGOMERY Municipality DOUGLASS TWP.
Identification number PAD 048603005
Name of responsible official WARREN FRANE
Title _____
Mailing Address _____
Area code and telephone number _____
Name of person interviewed _____
Title _____
Mailing address (if different from above) _____
Area code and telephone number (215) 458-5300

1. Site characterization:

- a. ☒ Treatment - ☒ surface impoundments ☒ chemical ☒ physical ☒ biological
b. ☐ Storage - ☐ containers ☐ tanks ☒ surface impoundments ☐ waste piles
c. ☐ Disposal - ☐ land treatment ☐ landfill ☐ incineration ☐ thermal treatment
d. ☐ Use ☐ reuse ☐ recycle ☐ reclaim

2. Does the facility generate hazardous waste?
- ☒
- Yes
- ☐
- No

3. Types of hazardous waste produced by Hazardous Waste Number:
-
- BY DEFINITION

4. Are hazardous wastes transported off-site by the facility?
- ☐
- Yes
- ☒
- No

CONDUCTED A COMPLIANCE-MONITORING-EVALUATION
INSPECTION, CME

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WASTE MANAGEMENT

**HAZARDOUS WASTE INSPECTION REPORT
TSD FACILITIES - PART B**

Site Name BOYERTOWN ID Number PAD040603005 Date 7-26-94
LANDFILL

Hazardous Waste Inspection Report
TSD Facilities - Part B

1-No Violation Observed 2-Not-Applicable 3-Not-Determined 4-Non-Compliance

STATUS				REQUIREMENT	CHAPTER CITATION	LINE NUMBERS
1	2	3	4			
	X			Part A permit application submitted	265.1(b) 265.431(a)	H200
X				Identification number	265.11	H201
	X			Wastes accepted at facility transported by haulers licensed by DER to transport hazardous waste	265.11(a)	H202
				Waste streams not covered by permit approved by DER before acceptance	265.13(a)	H203
				Chemical and physical analysis repeated as required	265.13(a)(1-3)	H204
				All waste shipments inspected and analyzed when necessary	265.13(b)	H205
				Waste analysis plan on-site	265.13(c)	H206
				24 hr. surveillance at active portion	265.14(b)(1)	H207
				Artificial barrier around active portion	265.14(b)(2)	H208
				Proper signs posted at each entrance, minimum 4 inch lettering	265.14(c)	H209
				Facility inspection schedule on-site	265.15(b)(1)	H210
				Maintenance schedule onsite for equipment or structures which reveal deterioration or malfunction.	265.15(d)	H211
				Immediate remedial action taken where a hazard is imminent or has already occurred	265.15(d)	H212
				Approved on the job or classroom personnel training program implemented	265.16	H213
				Records retained for each employee at facility of training, job title, and job description	265.16(f);(g)	H214
				Ignitable or reactive wastes separated from source of ignition or reaction	265.17(a)	H215
				No smoking signs displayed where there are hazards from ignitable or reactive wastes	265.17(a)	H216
				Treatment, storage, disposal of ignitable or reactive wastes or mixing of incompatible wastes or materials conducted according to requirements	265.17(b)	H217
	✓			Facility maintained/operated to minimize possibility of fire, explosion, or discharge of hazardous waste or hazardous constituents	265.31	H218

**Hazardous Waste Inspection Report
TSD Facilities - Part B**

1-No Violation Observed 2-Not-Applicable 3-Not-Determined 4-Non-Compliance

STATUS				REQUIREMENT	CHAPTER CITATION	LINE NUMBERS
1	2	3	4			
	X			Written operating record contains closure and post-closure cost estimates	265.73(b)(7)	H242
				All records retained on premises and available for inspection	265.74(a)	H243
				Quarterly reports submitted to DER	265.75(a)	H244
				Emissions, discharges, fires, explosions, and groundwater contamination reported as required	265.77(a)	H245
X				Groundwater monitoring wells located at approved sites	265.90(b)	H246
			X	Approved groundwater sampling and analysis plan developed and implemented	265.92(a)	H247
			X	Adequate protection for groundwater monitoring wells	265.91(d)	H248
		X		Groundwater quality assessment and abatement outline on the premises	265.93(a)	H249
		X		Closure plan on the premises and up-to-date	265.112(a)	H250
		X		Post-closure plan on the premises and up-to-date	265.118(a)	H251
		X		Annual closure cost estimate on the premises and up-to-date	265.142(a)	H252
		X		Annual post-closure cost estimate on the premises and up-to-date	265.144(a)	H253

Commonwealth of Pennsylvania
Department of Environmental Resources
Bureau of Waste Management
INSPECTION REPORT COMMENTS

Date of Inspection 7-26-94 Identification Number PAD 048603005
Company/Facility/Site Name Boyertown Landfill

Conducted a hazardous waste compliance-monitoring-evaluation (CME) inspection of this closed landfill. Onsite with Warren Frame, president.

Boyertown Landfill is a closed Municipal Waste landfill. At one time this facility accepted hazardous waste from area companies. As a result the EPA designated this facility as a Hazardous waste landfill, and assigned this site a generator's identification number (above).

This "hazardous" designation has required the facility to treat its leachate prior to discharge to the local sewage treatment plant. (Discharge is sent to the Berks/Montgomery Municipal Authority)

The discovery of groundwater contamination has caused the landfill to undergo an extended closure period. This entails ongoing groundwater monitoring until the Department deems appropriate.

Boyertown Landfill has discontinued its quarterly well sampling. In addition, the facility has not conducted the required CME sampling event, for 1994. Not performing this sampling event is in violation of

(Line H247) 25 Pa Code 265.92(a)

Observed during the inspection were Monitoring Wells no. 1 and no. 9 with no locks on their caps. Also, Monitoring Well no. 10 was not visibly numbered, making field identification impossible. These conditions are in violation of

(Line H249) 25 Pa Code 265.91(d)

It should be noted that the lack of cap locks and well numbering are repeat violations, first cited on the inspection report of 7/30/93.

This inspection report is notice of the findings of an inspection conducted by a representative of the Department. This report is formal notification of any violations observed during the inspection. Additional notification of violations may be issued concerning either violations noted herein, or other violations identified as a result of review of laboratory analyses or Department records.

This report does not constitute an order or other appealable action of the Department. Nothing contained herein shall be deemed to grant or imply immunity from legal action for any violation noted herein.

Signature by the person interviewed does not necessarily imply concurrence with the findings on this report; but does acknowledge that the person was shown the report or that a copy was left with the person.

Person interviewed (signature) _____ Date _____

Inspector (signature) Mark J. Zee _____ Date 7-26-94
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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WASTE MANAGEMENT

INSPECTION REPORT - MUNICIPAL WASTE LANDFILL

Site I.D. 100550
Site Name BOYERTOWN LANDFILL
Address 300 HERKEL RD.
GILBERTSVILLE, PA. 19525
Municipality DOUGLASS TWP.
Responsible Official WARREN FRAME
Person Interviewed "
Inspector CHARLES FEES

Telephone # (215) 450-5300
Operator Name _____
Address 1205 POTTSTOWN PIKE
GLENHORE, PA.
County MONTGOMERY
Title PRESIDENT
Title _____
Time _____

Due Date _____ Inspection Date 7-26-94 Inspection Type _____ Facility Type _____ Inspector ID 2112 # Violation 5

Comment: THIS IS A CLOSED LANDFILL.

CLOSED

Permit Expiration Date: _____ Quarterly Groundwater Due Date: _____ Days/Week Operated: /
Repermit Date: _____ Annual Groundwater Due Date: 9-30-94 Max. Daily Volume: /

1-No Violation Observed 2-Not-Applicable 3-Not-Determined 4-Non-Compliance

STATUS				GENERAL PROVISIONS	CHAPTER CITATION	LINE ITEM
1	2	3	4			
			X	Operation in accordance with approved plans and permit.	273.201(c)(2)	101
	X			Operation within permit boundaries (vertical and horizontal).	273.201(c)(2)	102
				Disposal timing and sequence as per Section 273.112(1)	273.201(c)(2)	103
				No unapproved wastes or liquids.	273.201(d)-(g)	104
				Isolation distances are adhered to.	273.202(a)(1)-(13)	105
				Facilities certification requirements followed.	273.203(a), (b)	106
	X			Written Department approval of new construction prior to waste disposal.	273.203(c)	107
				DAILY OPERATIONS		
	X			Proper signs posted.	273.211(a)	108
				Site perimeter clearly marked and grid coordinate system in use.	273.211(b)-(d)	109
				Proper barriers installed and access controlled when attendant not present.	273.212(a)-(c)	110
				Access road maintained in accordance with Chapter 105 and 273, and negotiable by collection vehicles.	273.213(a)-(k)	111
				Approved means of measuring waste utilized.	273.214(a), (b)	112
				Adequate equipment on-site and stand-by equipment available.	273.215(a), (b)	113
				Vehicles directed promptly to unloading area and promptly unloaded.	273.216(a), (b)	114
				Solid waste spread and compacted into layers not exceeding two feet unless otherwise approved.	273.216(c)	115
				Working face size suitable for compaction and daily covering.	273.216(d)	116
				No open burning(*) or other fugitive dust emissions.	273.217(a), (c)	117
				Ambient air quality standards maintained.	273.217(b)	118
				Effective vector control implemented and public nuisances prevented.	273.218(a), (b)	119
				Salvaging in accordance with regulations.	273.219(a), (b)	120
	X			Litter controlled/collected and barriers/fences in place.	273.220(a)-(c)	121

INSPECTION REPORT - MUNICIPAL WASTE LANDFILL (Cont'd)

1-No Violation Observed 2-Not-Applicable 3-Not-Determined 4-Non-Compliance

STATUS				LINE SYSTEM (cont'd)	CHAPTER CITATION	LINE ITEM
1	2	3	4			
		X		Protective cover protects primary liner and leachate collection system and allows free flow of leachate into the collection system.	273.257(a)	145
				Protective cover meets minimum requirements and at least 18 inches thick.	273.257(b)	146
				Leachate collection system within protective cover meets minimum requirements.	273.258(a), (b)	147
				Barrier designed, constructed and maintained as required to prevent lateral migration of leachate off-site in surface mined areas.	273.259(a)-(d)	148
		X		8 feet of select waste placed over protective cover.	273.260	149
				LEACHATE TREATMENT		
X				Leachate collected and handled through Department approved method(s).	273.272(a)-(c)	150
X				Leachate transportation requirements adhered to.	273.273(a)-(c)	151
X				Cessation of site operation if alternate leachate handling not available.	273.273(d)	152
X				Leachate treatment system permitted and fully operational at least 3 years before closure.	273.273(e)	153
X				Leachate recirculation in accordance with regulations.	273.274(1)-(4)	154
X				Leachate collection and storage systems on-site have capacity of 30 days or 250,000 gallons, whichever is greater.	273.275(a)-(f)	155
		X		Leachate flow rate measured daily; analyzed quarterly.	273.276(a)-(b)	156
X				Department notified when remedial action(s) required.	273.277(1)-(4)	157
				WATER QUALITY MONITORING		
		X		Approved monitoring system installed(*) and maintained. SEE COMMENTS	273.281(a), (b) & 273.283	158
		X		Quarterly and annual monitoring requirements adhered to and results submitted to Department within time constraints.	273.284 & 273.285	159
		X		Groundwater assessment plan submitted and implement as required.	273.286(a)-(g)	160
		X		Groundwater abatement plan submitted and implemented as required.	273.287(a)-(d)	161
				RECORDKEEPING AND REPORTING		
		X		Operational records maintained, available and submitted as required.	273.288 and 273.311-273.313	162
				MINERALS AND GAS		
		X		25 foot isolation maintained from coal formations and mine openings sealed in approved manner.	273.291(a), (b)	163
				Subsidence plan implemented as approved.	273.291(c)	164
				Gas venting and monitoring in accordance with approved plans.	273.292(a)-(d)	165
				Combustible gas levels not exceeded.	273.292(e)	166
				Forced gas venting if required.	273.292(f)	167
		X		Gas recovery conducted as per approved plan and §273.293, including annual analysis.	273.293(a), (b)	168

Commonwealth of Pennsylvania
Department of Environmental Resources
Bureau of Waste Management
INSPECTION REPORT COMMENTS

Date of Inspection 7-26-94 Identification Number 100550
Company/Facility/Site Name Boyertown Landfill

Conducted an inspection of this closed landfill.
Onsite with Warren Frame, president.

Two of the violations of the inspection of 7-30-93 have been corrected:

1. 25 Pa Code 293.201(a) - "Operating a residual waste transfer without a permit"
Warren Frame has removed the pile of fuel-contaminated soil.
This soil was transferred to Pottstown Landfill. (See receipt of disposal 7-21-94)
2. 25 Pa Code 273.201(c)(2) - "Gas plan implemented"
W.Frame has repaired the gas risers at the south end of the landfill. Mr. Frame said that the flare house (east end of the landfill) is only operated if the landfill gas can support combustion. At present there is no propane-assist mechanism in place. There is a spark igniter which can be activated to initiate combustion.

This facility is in serious non-compliance with the Departmental groundwater monitoring requirements as follows:

- Line 158, 25 Pa Code 273.283(b)(4), (6) - "Approved monitoring system installed and maintained"
During the inspection it was observed that Monitoring Wells no. 1 and no. 9 were unlocked. The cap on Well no. 9 was easily removed. This throws some doubt on the integrity of this well because it is not fenced in. Lastly, it was observed that Monitoring Well no. 10 was not numbered.
- Line 159, 25 Pa Code 273.284 and 273.285 - "Quarterly and annual monitoring system requirements adhered to..."
This landfill has discontinued groundwater monitoring. Citing lack of funds, W.Frame has not submitted quarterly sampling results for the 3rd and 4th quarters of 1993,

This inspection report is notice of the findings of an inspection conducted by a representative of the Department. This report is formal notification of any violations observed during the inspection. Additional notification of violations may be issued concerning either violations noted herein, or other violations identified as a result of review of laboratory analyses or Department records.

This report does not constitute an order or other appealable action of the Department. Nothing contained herein shall be deemed to grant or imply immunity from legal action for any violation noted herein.
Signature by the person interviewed does not necessarily imply concurrence with the findings on this report, but does acknowledge that the person was shown the report or that a copy was left with the person.

Person interviewed (signature) _____

Date _____

Inspector (signature) _____

Archie J. Zelle

Date 7-26-94

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APPENDIX A

COMPREHENSIVE GROUND-WATER MONITORING EVALUATION WORKSHEET

BOYERTOWN LANDFILL, DOUGLASS TWP., MONTGOMERY CO. 6/27/94

The following worksheets have been designed to assist the enforcement officer/technical reviewer in evaluating the ground-water monitoring system an owner/operator uses to collect and analyze samples of ground water. The focus of the worksheets is technical adequacy as it relates to obtaining and analyzing representative samples of ground water. The basis of the worksheets is the final RCRA Ground Water Monitoring Technical Enforcement Guidance Document which describes in detail the aspects of ground-water monitoring which EPA deems essential to meet the goals of RCRA. Appendix A is not a regulatory checklist. Specific technical deficiencies in the monitoring system can, however, be related to the regulations as illustrated in Figure 4.3 taken from the RCRA Ground-Water Monitoring Compliance Order Guide (COG) (included at the end of the appendix). The enforcement officer, in developing an enforcement order, should relate the technical assessment from the worksheets to the regulations using Figure 4.3 from the COG as a guide.

Comprehensive Ground-Water Monitoring Evaluation	Y/N
I. Office Evaluation Technical Evaluation of the Design of the Ground-Water Monitoring System	
A. Review of Relevant Documents	
1. What documents were obtained prior to conducting the inspection:	
a. RCRA Part A permit application?	Y
b. RCRA Part B permit application?	Y
c. Correspondence between the owner/operator and appropriate agencies or citizen's groups?	Y
d. Previously conducted facility inspection reports?	Y
e. Facility's contractor reports?	N
f. Regional hydrogeologic, geologic, or soil reports?	Y
g. The facility's Sampling and Analysis Plan?	N
h. Ground-water Assessment Program Outline (or Plan, if the facility is in assessment monitoring)?	N
i. Other (specify) _____	—

	Y/N
B. Evaluation of the Owner/Operator's Hydrogeologic Assessment	
1. Did the owner/operator use the following direct techniques in the hydrogeologic assessment:	—
a. Logs of the soil borings/rock corings (documented by a professional geologist, soil scientist, or geotechnical engineer)?	?
b. Materials tests (e.g., grain size analyses, standard penetration tests, etc.)?	?
c. Piezometer installation for water level measurements at different depths?	?
d. Slug tests?	?
e. Pump tests?	?
f. Geochemical analyses of soil samples?	?
g. Other (specify) (e.g., hydrochemical diagrams and wash analysis)	?
2. Did the owner/operator use the following indirect technique to supplement direct techniques data:	—
a. Geophysical well logs?	?
b. Tracer studies?	?
c. Resistivity and/or electromagnetic conductance?	?
d. Seismic Survey?	?
e. Hydraulic conductivity measurements of cores?	?
f. Aerial photography?	?
g. Ground penetrating radar?	?
h. Other (specify)	?
3. Did the owner/operator document and present the raw data from the site hydrogeologic assessment?	Y
4. Did the owner/operator document methods (criteria) used to correlate and analyze the information?	Y
5. The owner/operator prepare the following:	—
a. Narrative description of geology?	Y
b. Geologic cross sections?	N
c. Geologic and soil maps?	N
d. Boring/coring logs?	Y
e. Structure contour maps of the differing water bearing zones and confining layer?	N
f. Narrative description and calculation of ground-water flows?	Y

	Y/N
g. Water table/potentiometric map?	Y
h. Hydrologic cross sections?	N
6. Did the owner/operator obtain a regional map of the area and delineate the facility?	Y
If yes, does this map illustrate:	
a. Surficial geology features?	N
b. Streams, rivers, lakes, or wetlands near the facility?	Y
c. Discharging or recharging wells near the facility?	N
7. Did the owner/operator obtain a regional hydrogeologic map?	Y
If yes, does this hydrogeologic map indicate:	
a. Major areas of recharge/discharge?	Y
b. Regional ground-water flow direction?	Y
c. Potentiometric contours which are consistent with observed water level elevations?	Y
8. Did the owner/operator prepare a facility site map?	Y
If yes, does the site map show:	
a. Regulated units of the facility (e.g., landfill areas, impoundments)?	Y
b. Any seeps, springs, streams, ponds, or wetlands?	Y
c. Location of monitoring wells, soil borings, or test pits?	Y
d. How many regulated units does the facility have? _____	1
If more than one regulated unit then,	
• Does the waste management area encompass all regulated units?	—
• Is a waste management area delineated for each regulated unit?	—
C. Characterization of Subsurface Geology of Site	
1. Soil boring/test pit program:	—
a. Were the soil borings/test pits performed under the supervision of a qualified professional?	Y
b. Did the owner/operator provide documentation for selecting the spacing for borings?	Y
c. Were the borings drilled to the depth of the first confining unit below the uppermost zone of saturation or ten feet into bedrock?	?
d. Indicate the method(s) of drilling:	—

	Y/N
• location of borehole?	N
• depth of termination?	N
• location of screen (if applicable)?	N
• depth of zone(s) of saturation?	Y
• backfill procedure?	N
3. Did the owner/operator provide a topographic map which was constructed by a licensed surveyor?	Y
4. Does the topographic map provide:	Y
a. contours at a maximum interval of two-feet?	Y
b. locations and illustrations of man-made features (e.g., parking lots, factory buildings, drainage ditches, storm drain, pipelines, etc.)?	Y
c. descriptions of nearby water bodies?	Y
d. descriptions of off-site wells?	N
e. site boundaries?	Y
f. individual RCRA units?	Y
g. delineation of the waste management area(s)?	Y
h. well and boring locations?	Y
5. Did the owner/operator provide an aerial photograph depicting the site and adjacent off-site features?	N
6. Does the photograph clearly show surface water bodies, adjacent municipalities, and residences and are these clearly labelled?	N
F. Identification of Ground-Water Flowpaths	
1. Ground-water flow direction	
a. Was the well casing height measured by a licensed surveyor to the nearest 0.01 feet?	Y
b. Were the well water level measurements taken within a 24 hour period?	Y
c. Were the well water level measurements taken to the nearest 0.01 feet?	Y
d. Were the well water levels allowed to stabilize after construction and development for a minimum of 24 hours prior to measurements?	Y
e. Was the water level information obtained from (check appropriate one):	
• multiple piezometers placed in single borehole? _____	
• vertically nested piezometers in closely spaced separate _____	
• boreholes? _____	
• monitoring wells? _____ <u>X</u>	

	Y/N
f. Did the owner/operator provide construction details for the piezometers?	N
g. How were the static water levels measured (check method(s)). <ul style="list-style-type: none"> • Electric water sounder _____ • Wented tape _____ • Air line _____ • Other (explain) _____ 	—
h. Was the well water level measured in wells with equivalent screened intervals at an equivalent depth below the saturated zone?	N
i. Has the owner/operator provided a site water table (potentiometric) contour map?	Y
If yes, <ul style="list-style-type: none"> • Do the potentiometric contours appear logical and accurate based on topography and presented data? (Consult water level data) 	Y
• Are ground-water flow-lines indicated?	Y
• Are static water levels shown?	Y
• Can hydraulic gradients be estimated?	Y
j. Did the owner/operator develop hydrologic cross sections of the vertical flow component across the site using measurements from all wells?	N
k. Do the owner/operator's flow nets include: <ul style="list-style-type: none"> • piezometer locations? • depth of screening? • width of screening? • measurements of water levels from all wells and piezometers? 	N N N N
2. Seasonal and temporal fluctuations in ground-water	
a. Do fluctuations in static water levels occur? If yes, are the fluctuations caused by any of the following:	Y
—Off-site well pumping	N
—Tidal processes or other intermittent natural variations (e.g., river stage, etc.)	N
—On-site well pumping	N
—Off-site, on-site construction or changing land use patterns	N
—Deep well injection	N
—Seasonal variations	Y
—Other (specify) _____	—
b. Has the owner/operator documented sources and patterns that contribute to or affect the ground-water patterns below the waste management?	Y
c. Do water level fluctuations alter the general ground-water gradients and flow directions?	Y
d. Based on water level data, do any head differentials occur that may indicate a vertical flow component in the saturated zone?	Y

	Y/N
e. Did the owner/operator implement means for gauging long term effects on water movement that may result from on-site or off-site construction or changes in land-use patterns?	N
3. Hydraulic conductivity	
a. How were hydraulic conductivities of the subsurface materials determined?	?
• Single-well tests (slug tests)?	?
• Multiple-well tests (pump tests)	?
• Other (specify) _____	?
b. If single-well tests were conducted, was it done by:	?
• Adding or removing a known volume of water?	?
• Pressurizing well casing?	?
c. If single well tests were conducted in a highly permeable formation, were pressure transducers and high-speed recording equipment used to record the rapidly changing water levels?	?
d. Since single well tests only measure hydraulic conductivity in a limited area, were enough tests run to ensure a representative measure of conductivity in each hydrogeologic unit?	?
e. Is the owner/operator's slug test data (if applicable) consistent with existing geologic information (e.g., boring logs)?	?
f. Were other hydraulic conductivity properties determined?	?
g. If yes, provide any of the following data, if available:	?
• Transmissivity _____	
• Storage coefficient _____	
• Leakage _____	
• Permeability _____	
• Porosity _____	
• Specific capacity _____	
• Other (specify) _____	
4. Identification of the uppermost aquifer	
a. Has the extent of the uppermost saturated zone (aquifer) in the facility area been defined? If yes,	Y
• Are soil boring/test pit logs included?	N
• Are geologic cross-sections included?	N
b. Is there evidence of confining (competent, unfractured, continuous, and low permeability) layers beneath the site? If yes,	Y
• how was continuity demonstrated? <u>REGIONAL PETROGRAPHY</u>	
c. What is hydraulic conductivity of the confining unit (if present)? CM/Sec How was it determined?	?

	Y/N
<p>d. Does potential for other hydraulic communication exist (e.g., lateral discontinuity between geologic units, facies changes, fracture zones, cross cutting structures, or chemical corrosion/alteration of geologic units by leachage? If yes or no, what is the rationale? REGIONAL FRACTURES, BRUNSWICK FM.</p> <p>_____</p> <p>_____</p> <p>_____</p>	
<p>G. Office Evaluation of the Facility's Ground-Water Monitoring System—Monitoring Well Design and Construction:</p> <p>These questions should be answered for each different well design present at the facility.</p> <p>1. Drilling Methods</p> <p>a. What drilling method was used for the well?</p> <ul style="list-style-type: none"> • Hollow-stem auger <input type="checkbox"/> • Solid-stem auger <input type="checkbox"/> • Mud rotary <input type="checkbox"/> • Air rotary <input type="checkbox"/> • Reverse rotary <input type="checkbox"/> • Cable tool <input type="checkbox"/> • Jetting <input type="checkbox"/> • Air drill w/ casing hammer <input type="checkbox"/> • Other (specify) _____ 	?
<p>b. Were any cutting fluids (including water) or additives used during drilling? If yes, specify:</p> <ul style="list-style-type: none"> • Type of drilling fluid _____ • Source of water used _____ • Foam _____ • Polymers _____ • Other _____ 	?
<p>c. Was the cutting fluid, or additive, identified?</p>	N
<p>d. Was the drilling equipment steam-cleaned prior to drilling the well?</p> <ul style="list-style-type: none"> • Other methods _____ 	?
<p>e. Was compressed air used during drilling? If yes,</p> <ul style="list-style-type: none"> • was the air filtered to remove oil? 	?
<p>f. Did the owner/operator document procedure for establishing the potentiometric surface? If yes,</p> <ul style="list-style-type: none"> • how was the location established? 	?
<p>g. Formation samples</p>	?

	Y/N
• Were formation samples collected initially during drilling?	?
• Were any cores taken continuous?	?
• If not, at what interval were samples taken?	?
• How were the samples obtained? —Split spoon —Shelby tube —Core drill —Other (specify)	?
• Identify if any physical and/or chemical tests were performed on the formation samples (specify) _____ _____ _____	?
2. Monitoring Well Construction Materials	
a. Identify construction materials (by number) and diameters (ID/OD)	
	Material Diameter
• Primary Casing	PVC 4"
• Secondary or outside casing (doubleconstruction)	_____
• Screen	_____
b. How are the sections of casing and screen connected?	
• Pipe sections threaded	?
• Couplings (friction) with adhesive or solvent	?
• Couplings (friction) with retainer screws	?
• Other (specify)	?
c. Were the materials steam-cleaned prior to installation?	
• If no, how were the materials cleaned? _____	?
3. Well Intake Design and Well Development	
a. Was a well intake screen installed?	
• What is the length of the screen for the well? _____	?
• Is the screen manufactured?	?
b. Was a filter pack installed?	
• What kind of filter pack was employed? _____	?
• Is the filter pack compatible with formation materials?	?
• How was the filter pack installed? _____	?

	Y/N
• What are the dimensions of the filter pack? _____	?
• Has a turbidity measurement of the well water ever been made?	Y
• Have the filter pack and screen been designed for the insitu materials? _____	?
c. Well development	Y
• Was the well developed?	
• What technique was used for well development? —Surge block —Bailer —Air surging XXX —Water pumping —Other (specify) _____	
4. Annular Space Seals	
a. What is the annular space in the saturated zone directly above the filter pack filled with: —Sodium bentonite (specify type and grit) —Cement (specify neat or concrete) —Other (specify)	?
b. Was the seal installed by: —Dropping material down the hole and tamping —Dropping material down the inside of hollow-stem auger —Tremie pipe method —Other (specify)	?
c. Was a different seal used in the unsaturated zone? If yes,	?
• Was this seal made with? —Sodium bentonite (specify type and grit) —Cement (specify neat or concrete)- Other (specify)	?
• Was this seal installed by? —Dropping material down the hole and tamping —Dropping material down the inside of hollow stem auger —Other (specify)	?
d. Is the upper portion of the borehole sealed with a concrete cap to prevent infiltration from the surface?	Y
e. Is the well fitted with an above-ground protective device and bumper guards?	Y
f. Has the protective cover been installed with locks to prevent tampering?	Y

	Y/N
H. Evaluation of the Facility's Detection Monitoring Program	
1. Placement of Downgradient Detection Monitoring Wells	Y
a. Are the ground-water monitoring wells or clusters located immediately adjacent to the waste management area?	
b. How far apart are the detection monitoring wells?	100-500'
c. Does the owner/operator provide a rationale for the location of each monitoring well or cluster?	Y
d. Does the owner/operator identified the well screen lengths of each monitoring well or clusters?	N
e. Does the owner/operator provide an explanation for the well screen lengths of each monitoring well or cluster?	N
f. Do the actual locations of monitoring wells or clusters correspond to those identified by the owner/operator?	Y
2. Placement of Upgradient Monitoring Wells	
a. Has the owner/operator documented the location of each upgradient monitoring well or cluster?	Y
b. Does the owner/operator provide an explanation for the location(s) of the upgradient monitoring wells?	Y
c. What length screen has the owner/operator employed in the background monitoring well(s)?	?
d. Does the owner/operator provide an explanation for the screen length(s) chosen?	N
e. Does the actual location of each background monitoring well or cluster correspond to that identified by the owner/operator?	Y
L. Office Evaluation of the Facility's Assessment Monitoring Program	
1. Does the assessment plan specify:	Y
a. The number, location, and depth of wells?	
b. The rationale for their placement and identify the basis that will be used to select subsequent sampling locations and depths in later assessment phases?	Y
2. Does the list of monitoring parameters include all hazardous waste constituents from the facility?	Y

	Y/N
a. Does the water quality parameter list include other important indicators not classified as hazardous waste constituents?	N
b. Does the owner/operator provide documentation for the listed wastes which are not included?	N
3. Does the owner/operator's assessment plan specify the procedures to be used to determine the rate of constituent migration in the ground-water?	N
4. Has the owner/operator specified a schedule of implementation in the assessment plan?	N
5. Have the assessment monitoring objectives been clearly defined in the assessment plan?	N
a. Does the plan include analysis and/or re-evaluation to determine if significant contamination has occurred in any of the detection monitoring wells?	N
b. Does the plan provide for a comprehensive program of investigation to fully characterize the rate and extent of contaminant migration from the facility?	N
c. Does the plan call for determining the concentrations of hazardous wastes and hazardous waste constituents in the ground water?	N
d. Does the plan employ a quarterly monitoring program?	N
6. Does the assessment plan identify the investigatory methods that will be used in the assessment phase?	Y
a. Is the role of each method in the evaluation fully described?	N
b. Does the plan provide sufficient descriptions of the direct methods to be used?	N
c. Does the plan provide sufficient descriptions of the indirect methods to be used?	N
d. Will the method contribute to the further characterization of the contaminant movement?	Y
7. Are the investigatory techniques utilized in the assessment program based on direct methods?	Y
a. Does the assessment approach incorporate indirect methods to further support direct methods?	N
b. Will the planned methods called for in the assessment approach ultimately meet performance standards for assessment monitoring?	?
c. Are the procedures well defined?	Y
d. Does the approach provide for monitoring wells similar in design and construction as the detection monitoring wells?	Y

	Y/N
e. Does the approach employ taking samples during drilling or collecting core samples for further analysis?	N
8. Are the indirect methods to be used based on reliable and accepted geophysical techniques?	N/A
a. Are they capable of detecting subsurface changes resulting from contaminant migration at the site?	N/A
b. Is the measurement at an appropriate level of sensitivity to detect ground-water quality changes at the site?	Y
c. Is the method appropriate considering the nature of the subsurface materials?	Y
d. Does the approach consider the limitations of these methods?	Y
e. Will the extent of contamination and constituent concentration be based on direct methods and sound engineering judgment? (Using indirect methods to further substantiate the findings.)	Y
9. Does the assessment approach incorporate any mathematical modeling to predict contaminant movement?	N
a. Will site specific measurements be utilized to accurately portray the subsurface?	?
b. Will the derived data be reliable?	?
c. Have the assumptions been identified?	?
d. Have the physical and chemical properties of the site-specific wastes and hazardous waste constituents been identified?	Y
J. Conclusions	
1. Subsurface geology	
a. Has sufficient data been collected to adequately define petrography and petrographic variation?	Y
b. Has the subsurface geochemistry been adequately defined?	Y
c. Was the boring/coring program adequate to define subsurface geologic variation?	?
d. Was the owner/operator's narrative description complete and accurate in its interpretation of the data?	Y
e. Does the geologic assessment address or provide means to resolve any information gaps?	?
2. Ground-water flowpaths	
a. Did the owner/operator adequately establish the horizontal and vertical components of ground-water flow?	Y

	Y/N
b. Were appropriate methods used to establish ground-water flowpaths?	Y
c. Did the owner/operator provide accurate documentation?	N
d. Are the potentiometric surface measurements valid?	?
e. Did the owner/operator adequately consider the seasonal and temporal effects on the ground-water?	?
f. Were sufficient hydraulic conductivity tests performed to document lateral and vertical variation in hydraulic conductivity in the entire hydrogeologic subsurface below the site?	N
3. Uppermost Aquifer	Y
a. Did the owner/operator adequately define the upper-most aquifer?	
4. Monitoring Well Construction and Design	
a. Do the design and construction of the owner/operator's ground-water monitoring wells permit depth discrete ground-water samples to be taken?	Y
b. Are the samples representative of ground-water quality?	?
c. Are the ground-water monitoring wells structurally stable?	Y
d. Does the ground-water monitoring well's design and construction permit an accurate assessment of aquifer characteristics?	Y
5. Detection Monitoring	
a. Downgradient Wells <ul style="list-style-type: none"> Do the location, and screen lengths of the ground-water monitoring wells or clusters in the detection monitoring system allow the immediate detection of a release of hazardous waste or constituents from the hazardous waste management area to the uppermost aquifer? 	?
b. Upgradient Wells <ul style="list-style-type: none"> Do the location and screen lengths of the upgradient (background) ground-water monitoring wells ensure the capability of collecting ground-water samples representative of upgradient (background) ground-water quality including any ambient heterogeneous chemical characteristics? 	Y
6. Assessment Monitoring	
a. Has the owner/operator adequately characterized site hydrogeology to determine contaminant migration?	Y
b. Is the detection monitoring system adequately designed and constructed to immediately detect any contaminant release?	?

	Y/N
c. Are the procedures used to make a first determination of contamination adequate?	N
d. Is the assessment plan adequate to detect, characterize, and track contaminant migration?	Y
e. Will the assessment monitoring wells, given site hydrogeologic conditions, define the extent and concentration of contamination in the horizontal and vertical planes?	Y
f. Are the assessment monitoring wells adequately designed and constructed?	?
g. Are the sampling and analysis procedures adequate to provide true measures of contamination?	Y
h. Do the procedures used for evaluation of assessment monitoring data result in determinations of the rate of migration, extent of migration, and hazardous constituent composition of the contaminant plume?	N
i. Are the data collected at sufficient frequency and duration to adequately determine the rate of migration?	N
j. Is the schedule of implementation adequate?	N
k. Is the owner/operator's assessment monitoring plan adequate?	N
• If the owner/operator had to implement his assessment monitoring plan, was it implemented satisfactorily?	N
II. Field Evaluation	
A. Ground-Water Monitoring System	
1. Are the numbers, depths, and locations of monitoring wells in agreement with those reported in the facility's monitoring plan? (See Section 3.2.3.)	Y
B. Monitoring Well Construction	
1. Identify construction material material diameter	
a. Primary Casing <u>PVC</u>	
b. Secondary or outside casing <u>STEEL</u>	
2. Is the upper portion of the borehole sealed with concrete to prevent infiltration from the surface?	Y
3. Is the well fitted with an above-ground protective device?	Y
4. Is the protective cover fitted with locks to prevent tampering? If a facility utilizes more than a single well design, answer the above questions for each well design?	Y

	Y/N
III. Review of Sample Collection Procedures	
A. Measurement of Well Depths /Elevation	
1. Are measurements of both depth to standing water and depth to the bottom of the well made?	N
2. Are measurements taken to the 0.01 feet?	N
3. What device is used?	N/A
4. Is there a reference point established by a licensed surveyor?	N/A
5. Is the measuring equipment properly cleaned between well locations to prevent cross contamination?	N
B. Detection of Immiscible Layers	
1. Are procedures used which will detect light phase immiscible layers?	N
2. Are procedures used which will detect heavy phase immiscible layers?	N
C. Sampling of Immiscible Layers	
1. Are the immiscible layers sampled separately prior to well evacuation?	N
2. Do the procedures used minimize mixing with watersoluble phases?	N
D. Well Evacuation	
1. Are low yielding wells evacuated to dryness?	N
2. Are high yielding wells evacuated so that at least three casing volumes are removed?	N
3. What device is used to evacuate the wells?	N/A
4. If any problems are encountered (e.g., equipment malfunction) are they noted in a field logbook?	N

	Y/N
E. Sample Withdrawal	
1. For low yielding wells, are samples for volatiles, pH, and oxidation/reduction potential drawn first after the well recovers?	N
2. Are samples withdrawn with either fluorocarbon/resins or stainless steel (316, 304 or 2205) sampling devices?	N
3. Are sampling devices either bottom valve bailers or positive gas displacement bladder pumps?	N
4. If bailers are used, is fluorocarbon/resin coated wire, single strand stainless steel wire, or monofilament used to raise and lower the bailer?	N
5. If bladder pumps are used, are they operated in a continuous manner to prevent aeration of the sample?	N
6. If bailers are used, are they lowered slowly to prevent degassing of the water?	N
7. If bailers are used, are the contents transferred to the sample container in a way that minimizes agitation and aeration?	N
8. Is care taken to avoid placing clean sampling equipment on the ground or other contaminated surfaces prior to insertion into the well?	N
9. If dedicated sampling equipment is not used, is equipment disassembled and thoroughly cleaned between samples?	N
10. If samples are for inorganic analysis, does the cleaning procedure include the following sequential steps: a. Dilute acid rinse (HNO ₃ or HCl)?	N
11. If samples are for organic analysis, does the cleaning procedure include the following sequential steps:	
a. Nonphosphate detergent wash?	N
b. Tap water rinse?	N
c. Distilled/deionized water rinse?	N
d. Acetone rinse?	N
e. Pesticide-grade hexane rinse?	N

	Y/N
12. Is sampling equipment thoroughly dry before use?	N
13. Are equipment blanks taken to ensure that sample cross-contamination has not occurred?	N
14. If volatile samples are taken with a positive gas displacement bladder pump, are pumping rates below 100 ml/min?	N
F. In-situ or Field Analyses	
1. Are the following labile (chemically unstable) parameters determined in the field:	N
a. pH?	N
b. Temperature?	N
c. Specific conductivity?	N
d. Redox potential?	N
e. Chlorine?	N
f. Dissolved oxygen?	N
g. Turbidity?	N
h. Other (specify) _____	N
2. For in-situ determinations, are they made after well evacuation and sample removal?	N
3. If sample is withdrawn from the well, is parameter measured from a split portion?	N
4. Is monitoring equipment calibrated according to manufacturers' specifications and consistent with SW-846?	N
5. Is the date, procedure, and maintenance for equipment calibration documented in the field logbook?	N
IV. Review of Sample Preservation and Handling Procedures	
A. Sample Containers	
1. Are samples transferred from the sampling device directly to their compatible containers?	N

	Y/N
2. Are sample containers for metals (inorganics) analyses polyethylene with polypropylene caps?	N
3. Are sample containers for organics analysis glass bottles with fluorocarbonresin-lined caps?	N
4. If glass bottles are used for metals samples are the caps fluorocarbonresin-lined?	N
5. Are the sample containers for metal analyses cleaned using these sequential steps:	N
a. Nonphosphate detergent wash?	
b. 1:1 nitric acid rinse?	N
c. Tap water rinse?	N
d. 1:1 hydrochloric acid rinse?	N
e. Tap water rinse?	N
f. Distilled/deionized water rinse?	N
6. Are the sample containers for organic analyses cleaned using these sequential steps:	N
a. Nonphosphate detergent/hot water wash?	
b. Tap water rinse?	N
c. Distilled/deionized water rinse?	N
d. Acetone rinse?	N
e. Pesticide-grade hexane rinse?	N
7. Are trip blanks used for each sample container type to verify cleanliness?	N
B. Sample Preservation Procedures	
1. Are samples for the following analyses cooled to 4°C:	N
a. TOC?	
b. TOX?	
c. Chloride?	N
d. Phenols?	N
e. Sulfate?	N
f. Nitrate?	N
g. Coliform bacteria?	N
h. Cyanide?	N
i. Oil and grease?	N
j. Hazardous constituents () 261, Appendix VIII)?	N

	Y/N
2. Are samples for the following analyses field acidified to pH <2 with HNO ₃ :	N
a. Iron?	N
b. Manganese?	N
c. Sodium?	N
d. Total metals?	N
e. Dissolved metals?	N
f. Fluoride?	N
g. Endrin?	N
h. Lindane?	N
i. Methoxychlor?	N
j. Toxaphene?	N
k. 2,4, D?	N
l. 2,4,5 TP Silvex?	N
m. Radium?	N
n. Gross alpha?	N
o. Gross beta?	N
3. Are samples for the following analyses field acidified to pH <2 with H ₂ SO ₄ :	N
a. Phenols?	N
b. Oil and grease?	N
4. Is the sample for TOC analyses field acidified to pH <2 with HCl?	N
5. Is the sample for TOX analysis preserved with 1 ml of 1.1 M sodium sulfite?	N
6. Is the sample for cyanide analysis preserved with NaOH to pH >12?	N
C. Special Handling Considerations	
1. Are organic samples handled without filtering?	N
2. Are samples for volatile organics transferred to the appropriate vials to eliminate headspace over the sample?	N
3. Are samples for metal analysis split into two portions?	N
4. Is the sample for dissolved metals filtered through a 0.45 micron filter?	N
5. Is the second portion not filtered and analyzed for total metals?	N
6. Is one equipment blank prepared each day of ground-water sampling?	N

	Y/N
V. Review of Chain-of-Custody Procedures	
A. Sample Labels	
1. Are sample labels used?	N
2. Do they provide the following information:	N
a. Sample identification number?	
b. Name of collector?	N
c. Date and time of collection?	N
d. Place of collection?	N
e. Parameter(s) requested and preservatives used?	N
3. Do they remain legible even if wet?	N
B. Sample Seals	
1. Are sample seals placed on those containers to ensure samples are not altered?	N
C. Field Logbook	
1. Is a field logbook maintained?	N
2. Does it document the following:	
a. Purpose of sampling (e.g., detection or assessment)?	N
b. Location of well(s)?	N
c. Total depth of each well?	N
d. Static water level depth and measurement technique?	N
e. Presence of immiscible layers and detection method?	N
f. Collection method for immiscible layers and sample identification numbers?	N
g. Well evacuation procedures?	N
h. Sample withdrawal procedure?	N
i. Date and time of collection?	N
j. Well sampling sequence?	N
k. Types of sample containers and sample identification number(s)?	N
l. Preservative(s) used?	N
m. Parameters requested?	N
n. Field analysis data and method(s)?	N
o. Sample distribution and transporter?	N
p. Field observations?	N

	Y/N
—Unusual well recharge rates?	N
—Equipment malfunction(s)?	N
—Possible sample contamination?	N
—Sampling rate?	N
D. Chain-of-Custody Record	
1. Is a chain-of-custody record included with each sample?	N
2. Does it document the following:	
a. Sample number?	N
b. Signature of collector?	N
c. Date and time of collection?	N
d. Sample type?	N
e. Station location?	N
f. Number of containers?	N
g. Parameters requested?	N
h. Signatures of persons involved in chain-of-custody?	N
i. Inclusive dates of custody?	N
E. Sample Analysis Request Sheet	
1. Does a sample analysis request sheet accompany each sample?	N
2. Does the request sheet document the following:	
a. Name of person receiving the sample?	N
b. Date of sample receipt?	N
c. Duplicates?	N
d. Analysis to be performed?	N
IV. Review of Quality Assurance/Quality Control	
A. Is the validity and reliability of the laboratory and field generated data ensured by a QA/QC program?	N
B. Does the QA/QC program include:	
1. Documentation of any deviation from approved procedures?	N

	Y/N
2. Documentation of analytical results for:	
a. Blanks?	N
b. Standards?	N
c. Duplicates?	N
d. Spiked samples?	N
e. Detectable limits for each parameter being analyzed?	N
C. Are approved statistical methods used?	N
D. Are QC samples used to correct data?	N
E. Are all data critically examined to ensure it has been properly calculated and reported?	N
VII. Surficial Well Inspection and Field Observation	
A. Are the wells adequately maintained?	Y
B. Are the monitoring wells protected and secure?	N
C. Do the wells have surveyed casing elevations?	Y
D. Are the ground-water samples turbid?	?
E. Have all physical characteristics of the site been noted in the inspector's field notes (i.e., surface waters, topography, surface features)?	Y
F. Has a site sketch been prepared by the field inspector with scale, north arrow, location(s) of buildings, location(s) of regulated units, locations of monitoring wells, and a rough depiction of the site drainage pattern?	Y

	Y/N
VIII. Conclusions	
A. Is the facility currently operating under the correct monitoring program according to the statistical analyses performed by the current operator?	N
B. Does the ground-water monitoring system, as designed and operated, allow for detection or assessment of any possible ground-water contamination caused by the facility?	N
C. Does the sampling and analysis procedures permit the owner/operator to detect and, where possible, assess the nature and extent of a release of hazardous constituents to ground water from the monitored hazardous waste management facility?	N

Figure 4.3
Relationship of Technical Inadequacies to
Ground-Water Performance Standards

Examples of Basic Elements Required by Performance Standards	Examples of Technical Inadequacies that may Constitute Violations	Regulatory Citations
1. Uppermost Aquifer must be correctly identified.	<ul style="list-style-type: none"> • failure to consider aquifers hydraulically interconnected to the uppermost aquifer. • incorrect identification of certain formations as confining layers or aquitards. • failure to use test drilling and/or soil borings to characterize subsurface hydrogeology. 	<p>§265.90(a) §265.91(a)(1, 2) §270.14(c)(2)</p> <p>§265.90(a) §265.91(a)(1, 2) §270.14(c)(2)</p> <p>§265.90(a) §265.91(a)(1, 2) §270.14(c)(2)</p>
2. Ground-water flow directions and rates must be properly determined.	<ul style="list-style-type: none"> • failure to use piezometers or wells to determine ground-water flow rates and directions (or failure to use a sufficient number of them). • failure to consider temporal variations in water levels when establishing flow directions (e.g., seasonal variations, short-term fluctuations due to pumping). • failure to assess significance of vertical gradients when evaluating flow rates and directions. • failure to use standard/consistent benchmarks when establishing water level elevations. • failure of the owner/operator (o/o) to consider the effect of local withdrawal wells on ground-water flow direction. • failure of the o/o to obtain sufficient water level measurements. 	<p>§265.90(a) §265.91(a)(1, 2) §270.14(c)(2)</p> <p>§265.90(a) §265.91(a)(1, 2) §270.14(c)(2)</p> <p>§265.90(a) §265.91(a)(1, 2) §270.14(c)(2)</p> <p>§265.90(a) §265.91(a)(1)</p> <p>§265.90(a) §265.91(a)(1)</p>

Examples of Basic Elements Required by Performance Standards	Examples of Technical Inadequacies that may Constitute Violations	Regulatory Citations
3. Background wells must be located so as to yield samples that are not affected by the facility.	<ul style="list-style-type: none"> • failure of the o/o to consider the effect of local withdrawal wells on ground-water flow direction. • failure of the o/o to obtain sufficient water level measurements. • failure of the o/o to consider flow path of dense immiscibles in establishing upgradient well locations. • failure of the o/o to consider seasonal fluctuations in ground-water flow direction. • failure to install wells hydraulically upgradient, except in cases where upgradient water quality is affected by the facility (e.g., migration of dense immiscibles in the upgradient direction, mounding water beneath the facility). • failure of the o/o to adequately characterize subsurface hydrogeology. • wells intersect only ground water that flows around facility. 	<p>§265.90(a) §265.91(a)(1)</p> <p>§265.90(a) §265.91(a)(1)</p> <p>§265.90(a) §265.91(a)(1)</p> <p>§265.90(a) §265.91(a)(1)</p> <p>§265.90(a) §265.91(a)(1)</p> <p>§265.90(a) §265.91(a)(1)</p>
4. Background wells must be constructed so as to yield samples that are representative of in-situ ground-water quality.	<ul style="list-style-type: none"> • wells constructed of materials that may release or absorb constituents of concern • wells improperly sealed—contamination of sample is a concern. • nested or multiple screen wells are used and it cannot be demonstrated that there has been no movement of ground water between strata. 	<p>§265.90(a) §265.91(a)</p> <p>§265.90(a) §265.91(a), (c)</p> <p>§265.90(a) §265.91(a)(1, 2)</p>

Examples of Basic Elements Required by Performance Standards	Examples of Technical Inadequacies that may Constitute Violations	Regulatory Citations
<p>4. Background wells must be constructed so as to yield samples that are representative of in-situ ground-water quality. (Continued)</p>	<ul style="list-style-type: none"> • improper drilling methods were used, possibly contaminating the formation. • well intake packed with materials that may contaminate sample. • well screens used are of an inappropriate length. • wells developed using water other than formation water. • improper well development yielding samples with suspended sediments that may bias chemical analysis. • use of drilling muds or nonformation water during well construction that can bias results of samples collected from wells. 	<p>§265.90(a) §265.91(a)</p> <p>§265.90(a) §265.91(a), (c)</p> <p>§265.90(a) §265.91(a)(1, 2)</p> <p>§265.90(a) §265.91(a)</p> <p>§265.90(a) §265.91(a)</p> <p>§265.90(a) §265.91(a)</p>
<p>5. Downgradient monitoring wells must be located so as to ensure the immediate detection of any contamination migrating from the facility.</p>	<ul style="list-style-type: none"> • wells not placed immediately adjacent to waste management area. • failure of o/o to consider potential pathways for dense immiscibles. • inadequate vertical distribution of wells in thick or heavily stratified aquifer. • inadequate horizontal distribution of wells in aquifers of varying hydraulic conductivity. • likely pathways of contamination (e.g., buried streams channels, fractures, areas of high permeability) are not intersected by wells. • well network covers uppermost but not interconnected aquifers. 	<p>§265.90(a) §265.91(a)(2)</p> <p>§265.90(a) §265.91(a)(2)</p> <p>§265.90(a) §265.91(a)(2)</p> <p>§265.90(a) §265.91(a)(2)</p> <p>§265.90(a) §265.91(a)(2)</p> <p>§265.90(a) §265.91(a)(2)</p>

Examples of Basic Elements Required by Performance Standards	Examples of Technical Inadequacies that may Constitute Violations	Regulatory Citations
6. Downgradient monitoring wells must be constructed so as to yield samples that are representative of in-situ ground-water quality.	See No. 4 above.	
7. Samples from background and downgradient wells must be properly collected and analyzed.	<ul style="list-style-type: none"> • failure to evacuate stagnant water from the well before sampling. • failure to sample wells within a reasonable amount of time after well evacuation. • improper decisions regarding filtering or non-filtering of samples prior to analysis (e.g., use of filtration on samples to be analyzed for volatile organics). • use of an inappropriate sampling device. • use of improper sample preservation techniques. 	<p>§265.90(a), §265.92(a) §265.93(d)(4) §2705.14(c)(4)</p> <p>§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)</p> <p>§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)</p> <p>§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)</p> <p>§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)</p>

Examples of Basic Elements Required by Performance Standards	Examples of Technical Inadequacies that may Constitute Violations	Regulatory Citations
7. Samples from background and downgradient wells must be properly collected and analyzed. (Continued)	<ul style="list-style-type: none">• samples collected with a device that is constructed of materials that interfere with sample integrity.• samples collected with a non-dedicated sampling device that is not cleaned between sampling events.• improper use of a sampling device such that sample quality is affected (e.g., degassing of sample caused by agitation of bailer).• improper handling of samples (e.g., failure to eliminate headspace from containers of samples to be analyzed for volatiles).• failure of the sampling plan to establish procedures for sampling immiscibles (i.e., "floaters" and "sinker").• failure to follow appropriate QA/QC procedures.• failure to ensure sample integrity through the use of proper chain-of-custody procedures.• failure to demonstrate suitability of methods used for sample analysis (other than those specified in SW-846).• failure to perform analysis in the field on unstable parameters or constituents (e.g., pH, Eh, specific conductance, alkalinity, dissolved oxygen).	<p>§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)</p> <p>§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)</p> <p>§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)</p> <p>§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)</p> <p>§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)</p> <p>§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)</p> <p>§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)</p> <p>§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)</p>

Examples of Basic Elements Required by Performance Standards	Examples of Technical Inadequacies that may Constitute Violations	Regulatory Citations
<p>7. Samples from background and downgradient wells must be properly collected and analyzed. (Continued)</p>	<ul style="list-style-type: none"> • use of sample containers that may interfere with sample quality (e.g., synthetic containers used with volatile samples). • failure to make proper use of sample blanks. 	<p>§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)</p> <p>§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)</p>

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WASTE MANAGEMENT

EPA
18473

HAZARDOUS WASTE INSPECTION REPORT
TSD FACILITIES - PART A

Date of Inspection 7-26-94 Time start _____ Time finish _____
Name of Inspector CHARLES FEES
Company, installation name BOYERTOWN LANDFILL
Location 300 MERKEL RD., GILBERTSVILLE, PA. 19525
County MONTGOMERY Municipality DOUGLASS TWP.
Identification number PAD 048603005
Name of responsible official WARREN FRANE
Title _____
Mailing Address _____
Area code and telephone number _____
Name of person interviewed _____
Title _____
Mailing address (if different from above) _____
Area code and telephone number (215) 458-5300

1. Site characterization:

- a. ☒ Treatment - ☒ surface impoundments ☒ chemical ☒ physical ☒ biological
b. ☐ Storage - ☐ containers ☐ tanks ☒ surface impoundments ☐ waste piles
c. ☐ Disposal - ☐ land treatment ☐ landfill ☐ incineration ☐ thermal treatment
d. ☐ Use ☐ reuse ☐ recycle ☐ reclaim

2. Does the facility generate hazardous waste? ☒ Yes ☐ No

BY DEFINITION

3. Types of hazardous waste produced by Hazardous Waste Number:

4. Are hazardous wastes transported off-site by the facility? ☐ Yes ☒ No

CONDUCTED A COMPLIANCE-MONITORING-EVALUATION
INSPECTION, CME

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WASTE MANAGEMENT

HAZARDOUS WASTE INSPECTION REPORT
TSD FACILITIES - PART B

Site Name BOYERTOWN ID Number PAD040603005 Date 7-26-94
LANDFILL

Hazardous Waste Inspection Report
TSD Facilities - Part B

1-No Violation Observed 2-Not-Applicable 3-Not-Determined 4-Non-Compliance

STATUS				REQUIREMENT	CHAPTER CITATION	LINE NUMBERS
1	2	3	4			
	X			Part A permit application submitted	265.1(b) 265.431(a)	H200
X				Identification number	265.11	H201
	X			Wastes accepted at facility transported by haulers licensed by DER to transport hazardous waste	265.11(a)	H202
				Waste streams not covered by permit approved by DER before acceptance	265.13(a)	H203
				Chemical and physical analysis repeated as required	265.13(a)(1-3)	H204
				All waste shipments inspected and analyzed when necessary	265.13(b)	H205
				Waste analysis plan on-site	265.13(c)	H206
				24 hr. surveillance at active portion	265.14(b)(1)	H207
				Artificial barrier around active portion	265.14(b)(2)	H208
				Proper signs posted at each entrance, minimum 4 inch lettering	265.14(c)	H209
				Facility inspection schedule on-site	265.15(b)(1)	H210
				Maintenance schedule onsite for equipment or structures which reveal deterioration or malfunction	265.15(d)	H211
				Immediate remedial action taken where a hazard is imminent or has already occurred	265.15(d)	H212
				Approved on the job or classroom personnel training program implemented	265.16	H213
				Records retained for each employee at facility of training, job title, and job description	265.16(f);(g)	H214
				Ignitable or reactive wastes separated from source of ignition or reaction	265.17(a)	H215
				No smoking signs displayed where there are hazards from ignitable or reactive wastes	265.17(a)	H216
				Treatment, storage, disposal of ignitable or reactive wastes or mixing of incompatible wastes or materials conducted according to requirements	265.17(b)	H217
	✓ X			Facility maintained/operated to minimize possibility of fire, explosion, or discharge of hazardous waste or hazardous constituents	265.31	H218

Hazardous Waste Inspection Report

TSD Facilities - Part B

1-No Violation Observed 2-Not-Applicable 3-Not-Determined 4-Non-Compliance

STATUS				REQUIREMENT	CHAPTER CITATION	LINE NUMBERS
1	2	3	4			
	X			Facility equipped with internal alarm capable of providing immediate emergency instruction to personnel	265.32(1)	H219
				Device for summoning outside emergency assistance available at scene of operations	265.32(2)	H220
				Facility equipped with fire control, spill control, and decontamination equipment	265.32(3)	H221
				Facility equipped with water at adequate volume and pressure to supply fire control equipment	265.32(4)	H222
				Facility communications or alarm systems, fire control, spill control, and decontamination equipment tested and maintained	265.33	H223
				Adequate aisle space maintained to allow unobstructed movement of personnel and equipment during emergencies	265.35	H224
				Contingency plan onsite and implemented	265.51(a)	H225
				Contingency plan describes action taken by personnel in the event of an emergency	265.52(a)	H226
				Contingency plan describes arrangements agreed to for outside emergency services such as police and fire department, hospitals, contractors, etc.	265.52(c)	H227
				Contingency plan contains an up-to-date list of names, addresses and phone numbers of all persons qualified to act as emergency coordinator	265.52(d)	H228
				Contingency plan contains list of emergency equipment including location, physical description and capabilities of each item	265.52(e)	H229
				Contingency plan contains an evacuation plan if there is a possibility that evacuation could be necessary	265.52(f)	H230
				Emergency coordinator designated and on the premises or on call	265.55	H231
				Facility accepting only PA manifests	265.71(a)	H232
				Manifest properly completed and routed within time limits	265.71(b)(c)	H233
				Manifest discrepancies resolved or reported within time limits	265.72(b)	H234
				Written operating record maintained on the premises	265.73(a)	H235
				Written operating record contains description and quantity of wastes and method of treatment, storage or disposal	265.73(b)(1)	H236
				Written operating record contains location and quantity of each hazardous waste	265.73(b)(2)	H237
				Written operating record contains results of waste analyses and treatability tests	265.73(b)(3)	H238
				Written operating record contains reports and details of all incidents	265.73(b)(4)	H239
				Written operating record contains records and results of all inspections	265.73(b)(5)	H240
	✓ X			Written operating record contains required monitoring, testing, and analytical data	265.73(b)(6)	H241

**Hazardous Waste Inspection Report
TSD Facilities - Part B**

1-No Violation Observed 2-Not-Applicable 3-Not-Determined 4-Non-Compliance

STATUS				REQUIREMENT	CHAPTER CITATION	LINE NUMBERS
1	2	3	4			
	X			Written operating record contains closure and post-closure cost estimates	265.73(b)(7)	H242
				All records retained on premises and available for inspection	265.74(a)	H243
				Quarterly reports submitted to DER	265.75(a)	H244
				Emissions, discharges, fires, explosions, and groundwater contamination reported as required	265.77(a)	H245
X				Groundwater monitoring wells located at approved sites	265.90(b)	H246
			X	Approved groundwater sampling and analysis plan developed and implemented	265.92(a)	H247
			X	Adequate protection for groundwater monitoring wells	265.91(d)	H248
		X		Groundwater quality assessment and abatement outline on the premises	265.93(a)	H249
		X		Closure plan on the premises and up-to-date	265.112(a)	H250
		X		Post-closure plan on the premises and up-to-date	265.118(a)	H251
		X		Annual closure cost estimate on the premises and up-to-date	265.142(a)	H252
		X		Annual post-closure cost estimate on the premises and up-to-date	265.144(a)	H253

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WASTE MANAGEMENT

HAZARDOUS WASTE INSPECTION REPORT TSD FACILITIES - SURFACE IMPOUNDMENTS

Site Name BOYERTOWN ID Number PAD 048603005 Date 7-26-94
LANDFILL

1-No Violation Observed 2-Not-Applicable 3-Not-Determined 4-Non-Compliance

STATUS				REQUIREMENT	CHAPTER CITATION	LINE NUMBER
1	2	3	4			
X				Surface impoundment managed to maintain at least 60 cm (2ft.) of freeboard	265.222	H366
X				Protective cover on earthen dikes, such as suitable vegetation, rock rip-rap or non-erodible material to minimize wind and water erosion	265.223	H367
	X			Waste analysis and/or trial tests conducted when hazardous wastes substantially different from wastes previously treated or stored, or when hazardous waste is chemically treated with a substantially different process than any previously used in that impoundment	265.225(a)	H368
X				Freeboard level inspected once each operating day	265.226(1)	H369
X				Surface impoundment, including dikes and vegetation surrounding the dike, inspected once each week	265.226(2)	H370
	X			Placement of ignitable or reactive waste only with Department's approval	265.229	H371
	X			Precautions taken for handling ignitable, reactive or incompatible material	265.230	H372
	X			Closure and post-closure requirements complied with	265.228(a-c)	H373

Commonwealth of Pennsylvania
Department of Environmental Resources
Bureau of Waste Management
INSPECTION REPORT COMMENTS

Date of Inspection 7-26-94 Identification Number PAD 048603005
Company/Facility/Site Name Boyertown Landfill

Conducted a hazardous waste compliance-monitoring-evaluation (CME) inspection of this closed landfill. Onsite with Warren Frame, president.

Boyertown Landfill is a closed Municipal Waste landfill. At one time this facility accepted hazardous waste from area companies. As a result the EPA designated this facility as a Hazardous waste landfill, and assigned this site a generator's identification number (above).

This "hazardous" designation has required the facility to treat its leachate prior to discharge to the local sewage treatment plant. (Discharge is sent to the Berks/Montgomery Municipal Authority)

The discovery of groundwater contamination has caused the landfill to undergo an extended closure period. This entails ongoing groundwater monitoring until the Department deems appropriate.

Boyertown Landfill has discontinued its quarterly well sampling. In addition, the facility has not conducted the required CME sampling event, for 1994. Not performing this sampling event is in violation of

(Line H247) 25 Pa Code 265.92(a)

Observed during the inspection were Monitoring Wells no. 1 and no. 9 with no locks on their caps. Also, Monitoring Well no. 10 was not visibly numbered, making field identification impossible. These conditions are in violation of

(Line H249) 25 Pa Code 265.91(d)

It should be noted that the lack of cap locks and well numbering are repeat violations, first cited on the inspection report of 7/30/93.

This inspection report is notice of the findings of an inspection conducted by a representative of the Department. This report is formal notification of any violations observed during the inspection. Additional notification of violations may be issued concerning either violations noted herein, or other violations identified as a result of review of laboratory analyses or Department records.

This report does not constitute an order or other appealable action of the Department. Nothing contained herein shall be deemed to grant or imply immunity from legal action for any violation noted herein.

Signature by the person interviewed does not necessarily imply concurrence with the findings on this report, but does acknowledge that the person was shown the report or that a copy was left with the person.

Person interviewed (signature) _____ Date _____

Inspector (signature) Charles J. Zee Date 7-26-94
Page _____ of _____

Commonwealth of Pennsylvania
Department of Environmental Resources
Bureau of Waste Management
INSPECTION REPORT COMMENTS

Date of Inspection 7-26-94 Identification Number PAD 048603005
Company/Facility/Site Name Boyertown Landfill

In conclusion, it is highly recommended that this facility return to compliance with Departmental Regulations by

1. Providing locks and visible numbering for those wells that lack these items.
2. Resume, immediately, groundwater sampling according to the Department's requirements. This means completing the annual CME sampling event.

These actions should be completed by September 30, 1994.

Two violations observed. A notice-of-violation will be issued.

This inspection report is notice of the findings of an inspection conducted by a representative of the Department. This report is formal notification of any violations observed during the inspection. Additional notification of violations may be issued concerning either violations noted herein, or other violations identified as a result of review of laboratory analyses or Department records.

This report does not constitute an order or other appealable action of the Department. Nothing contained herein shall be deemed to grant or imply immunity from legal action for any violation noted herein.

Signature by the person interviewed does not necessarily imply concurrence with the findings on this report, but does acknowledge that the person was shown the report or that a copy was left with the person.

Person interviewed (signature) Copy mailed to facility

Date _____

Inspector (signature) Charles J. Zee

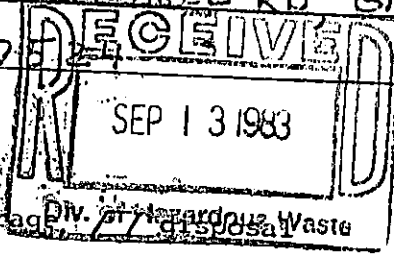
Date 7-26-94
Page _____ of _____

HAZARDOUS WASTE INSPECTION REPORT
Generators - Part A

18277

CL 9-13-83

Date of inspection 9/9/83 Time start _____ Time finish _____
Name of inspector THOMAS SHEEHAN
Company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC.
Location 300 MERKEL RD, GILBERTSVILLE, PA
County MONTGOMERY Municipality DOUGLASS TWP.
Identification number PA D048603005
Name of responsible official MR. WARREN FRAME
Title OWNER
Mailing address P.O. Box 360, RD 1, GLENMORE, PA.
Area code and phone no. (215) 458-5274
Name of person interviewed _____
Title _____
Mailing address (if different from above) 300 MERKEL RD GILBERTSVILLE, PA
Area code and phone no. (215) 367-7



1. Current waste handling method:

- a. ☒ On-site ☒ treatment, ☒ storage, ☒ disposal
b. ☐ On-site ☐ use, ☐ reuse, ☐ recycle, ☐ reclaim
c. ☒ Off-site ☒ treatment, ☐ storage, ☐ disposal
d. ☐ Off-site ☐ use, ☐ reuse, ☐ recycle, ☐ reclaim

2. Amount of hazardous waste produced:

- a. _____ kg./mo.
b. _____ kg./yr.

3. Types of hazardous waste produced by Hazardous Waste Number:

LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE
IS LANDFILLED.

4. Are hazardous wastes transported off-site by the generator? ☐ Yes ☒ No

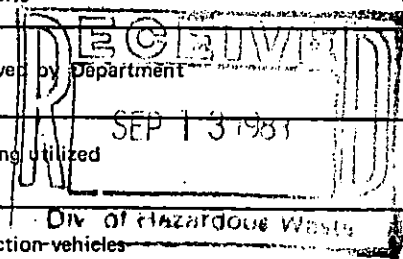
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <u>100-50</u>	INSPECTION DATE (9-14) <u>1/1/83</u>	INSPECTORS SOC. SEC. NO. (16-2)
NAME OF DISPOSAL FACILITY <u>Lebanon Landfill</u>		FACILITY ADDRESS <u>200 N. 1st St.</u>
MUNICIPALITY <u>Lebanon</u>	COUNTY <u>Montgomery</u>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <u>W. C. Miller, 1111 N. 1st St.</u>		
DAILY VOLUME RECEIVED	ANNUAL REPORT RECEIVED <u>Yes</u>	DAYS PER WEEK OPERATED <u>2</u>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2
26	75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	
27	75.21(s)	25' setback line buffer zone present	
28	75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	
29	75.21(q)	Approved operational safety program being utilized	
30	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	
31	75.21(m)(2)	Hours of operation prominently posted	
32	75.21(k)	Telephone or other communications available	
33	75.21(o)(1)	Salvaging occurs in accordance with regulations	
34	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	
35	75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	
36	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(vii)	Surface water management administered at the site	
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	
38	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	
39	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	
40	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	

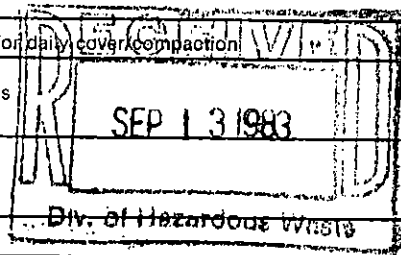


**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10**

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management	
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	
45	75.24(c)(2)(x)	Approved subbase being utilized	
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	
47	75.25(h)	Lined site, under drains operable	
48	75.25(i)	Are liners in place and covered with protective earth	
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained	
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	
53	75.26(q)	At lined sites, is all waste deposited on lined areas	
54	75.26(f)	Regulation ban on open burning adhered to	
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	
56	75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	
60	75.26(l)	Working face area confined to size suitable for daily cover compaction	
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	
62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	
63	75.26(j), (k)	Blowing litter controlled	
64	75.26(c)	Provision for standby equipment available when needed	
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	
66	Chapter 101(9)(e)(2)	Is bonding status correct	



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS: *page 2*
FORM NO. 10, 11, & 12

DISPOSAL FACILITY *Boyerstown*

Landfill

DATE *7/9/83*

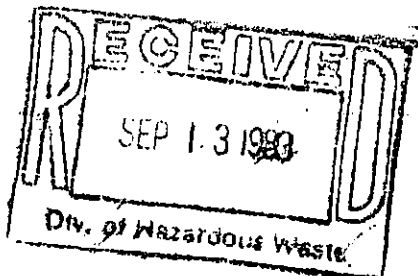
(1) ... with court

*... appears to be containing the ...
... under the lagoon. ...
... in springing out ...
... into the lagoon.*

... and the same as yesterday.

... have ... appear to be ...

*... from the ...
... in lagoon.*



[Signature] *7/17/83*
Department of Environmental Resources Representative

Operator

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

**INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES**

COMMENTS:
FORM NO. 10, 11, & 12

DISPOSAL FACILITY

DATE _____

Department of Environmental Resources Representative

Operator

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS: *PS*
FORM NO. 10, 11, & 12

DISPOSAL FACILITY *Kingston*

Landfill

DATE *9/8/83*

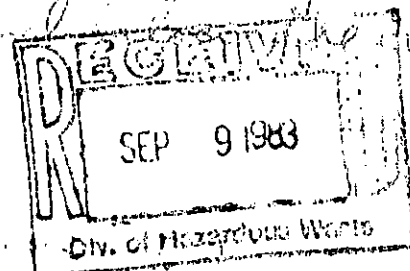
is the only
is on top is adequate.
The only cover on the slope
and the top on South West side is inadequate.
All units mentioned in the report
are adequately covered should be properly covered
by the end of the landfill
are adequately covered at the end of the landfill

Manufactured waste / hazardous waste in past month:

11/12	10,500 gal
11/13	10,500 gal
11/14	10,500 gal
11/15	10,500 gal
11/16	10,500 gal
11/17	10,500 gal
11/18	10,500 gal

all shipments handled by a bridge
to Charleston, West Virginia.

The site is not approved to be handling a hazardous waste
but the region has been approved for the handling



Thomas H. Baker
Department of Environmental Resources Representative

Operator

HAZARDOUS WASTE INSPECTION REPORT
Generators - Part A

18278
9-12-83

Date of inspection 9/2/83 Time start _____ Time finish _____

Name of inspector THOMAS SHEEHAN

Company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC.

Location 300 MERKEL RD, GILBERTSVILLE, PA

County MONTGOMERY Municipality DOUGLASS TWP.

Identification number PA D048603005

Name of responsible official MR. WARREN FRAME

Title OWNER

Mailing address P.O. Box 360, R D 1, GLENMORE, PA.

Area code and phone no. (215) 458-5274

Name of person interviewed _____

Title _____

Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA

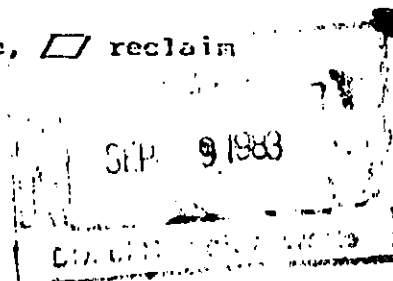
Area code and phone no. (215) 367-7524

1. Current waste handling method:

- a. ☒ On-site ☒ treatment, ☒ storage, ☐ disposal
b. ☐ On-site ☐ use, ☐ reuse, ☐ recycle, ☐ reclaim
c. ☒ Off-site ☒ treatment, ☐ storage, ☐ disposal
d. ☐ Off-site ☐ use, ☐ reuse, ☐ recycle, ☐ reclaim

2. Amount of hazardous waste produced:

- a. _____ kg./mo.
b. _____ kg./yr.



3. Types of hazardous waste produced by hazardous waste handler:

LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE
IS LANDFILLED.

4. Are hazardous wastes transported off-site by the generator? ☐ Yes ☒ No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <u>100550</u>	INSPECTION DATE (9-14) <u>9/2/83</u>	INSPECTORS SOC. SEC. NO. (16-) _____
NAME OF DISPOSAL FACILITY <u>Franklin Landfill</u>		FACILITY ADDRESS <u>500 Market Rd</u>
MUNICIPALITY <u>Dunkerton</u>	COUNTY <u>Montgomery</u>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <u>H. Markham, 1100 N. 1st St., P.O. Box 100, Dunkerton, PA 19023</u>		
DAILY VOLUME RECEIVED _____	ANNUAL REPORT RECEIVED <u>yes</u>	DAYS PER WEEK OPERATED <u>2</u>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2
26	75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	
27	75.21(s)	25' setback line buffer zone present	
28	75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	
29	75.21(q)	Approved operational safety program being utilized	
30	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	
31	75.21(m)(2)	Hours of operation prominently posted	
32	75.21(k)	Telephone or other communications available	
33	75.21(o)(1)	Salvaging occurs in accordance with regulations	
34	75.21(r)(1), (2), (3), (4), 75.24(c)(2)(vii)(viii)	Operational records maintained and method of measurement provided	
35	75.24(c)(2)(xxi), 75.37(j) & 75.38 ll(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	
36	75.24(c)(2)(i), 75.37(e) & 75.38 ll(8)(viii)	Surface water management administered at the site	
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	
38	75.24(c)(2)(xi) & 75.38 ll(8)(viii)	Adequate source and type of cover material being utilized	
39	75.24(c)(2)(v) & 75.38 ll(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	
40	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 ll(8)(viii)	Slopes, benching and terracing in accord with regulations	
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 ll(8)(ii)	Fire breaks	

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

1 — Compliance, 2 — Non-Compliance, 3 — Not applicable

CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)			
	Gas management			
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)			
	Ground water monitoring requirements being met			
44	75.24(c)(2)(xi), 75.37(k), & 75.38 II(8)(ii)			
	Approved cover material being utilized			
45	75.24(c)(2)(x)			
	Approved subbase being utilized			
	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)			
	Proper barriers being maintained			
	75.25(h)			
	Lined site, under drains operable			
48	75.25(i)			
	Are liners in place and covered with protective earth			
49	75.25(o)(3)			
	Lined site, daily record of leachate flow maintained			
50	75.26(a) & 75.37(g)			
	Leachate treatment facilities being operated properly			
51	75.26(o), 75.37(g), 75.38 II(8)(viii)			
	Erosion controlled on site, diversion ditches as required			
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)			
	Solid waste spread and compacted in layers not exceeding two feet deep			
53	75.26(q)			
	At lined sites, is all waste deposited on lined areas			
54	75.26(f)			
	Regulation ban on open burning adhered to			
55	75.26(d) & 75.38 II(8)(vi)			
	Bulky waste properly controlled			
	75.26(l) & 75.38 II(8)(vii)			
	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day			
57	75.26(s)			
	Hazardous wastes & sludges stored and/or disposed with written Departmental approval			
58	75.26(n)			
	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts			
59	75.26(d) & 75.38 II(8)(iv)			
	Unloading area restricted to proximity of the working face			
60	75.26(i)			
	Working face area confined to size suitable for daily cover/compaction			
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)			
	Operation in accordance with approved plans			
62	75.26(g), (h) & 75.38 II(8)(vi)			
	Dust controlled at site			
63	75.26(j), (k)			
	Blowing litter controlled			
64	75.26(c)			
	Provision for standby equipment available when needed			
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)			
	Has vegetative growth been established to prevent soil erosion on disturbed areas			
66	Chapter 101(9)(e)(2)			
	Is bonding status correct			

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:
FORM NO. 10, 11, & 12

DISPOSAL FACILITY

Prop. Loring

Landfill

DATE

1/2/83

1. Not a very fine and top does not have adequate level cover - this is not to be moved today

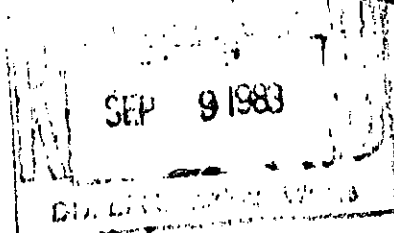
2. 10,000 lb of material working face - this should be adequately covered at the end of day to solve the odour problem

3. 10,000 lb of material - the bottom in the area is covered. A creek is seeping out of the bottom of the tank house pump house and is also seeping out of the lake. The lagoon

should be covered and below the incoming pipe and the lagoon level should not exceed

There is still a creek under the lagoon - ~~There~~

~~There is still a creek under the lagoon - This is not a problem~~ and possibly contaminating groundwater.



[Signature]

Department of Environmental Resources Representative

[Signature]

Operator

18279

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts.
Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection - *Boyetown Sanitary Disposal Co.*
Gilbertville, Pa. - PHD 048603005

DATE: *9/20/83*

FROM: Gregory Koltonuk *JK*
Environmental Scientist (3AW22)

TO: File

THRU: Peter Schaul *PS*
Chief, Waste Enforcement Section (3AW22)

THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS
INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE
VIOLATIONS.

Q 8-2-83

Date of inspection 7/20/83 Time start 5³⁰ AM Time finish _____
Name of inspector THOMAS SHEEHAN
Company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC.
Location 300 MERKEL RD, GILBERTSVILLE, PA
County MONTGOMERY Municipality DOUGLASS TWP
Identification number PA D048603005
Name of responsible official MR. WARREN FRAME
Title ~~Gen~~ Pres.
Mailing address P.O. Box 360, R.D. 1, GLENMORE, PA.
Area code and phone no. (215) 458-5274
Name of person interviewed MR. MICHAEL MILLER
Title VICE-PRES.
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA.
Area code and phone no. (215) 367-7524

1. Site characterization:

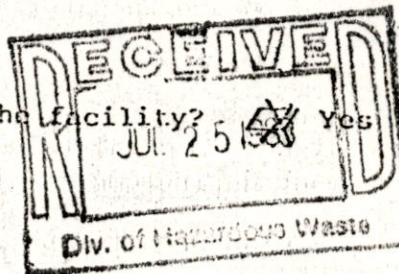
- a. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological
b. ☒ Storage - ☐ containers, ☐ tanks, ☒ surface impoundments, ☐ waste piles
c. ☒ Disposal - ☐ land treatment, ☒ landfill, ☐ incineration, ☐ thermal treatment
d. ☐ Use, ☐ reuse, ☐ recycle, ☐ reclaim

2. Does the facility generate hazardous wastes? ☒ Yes ☐ No

3. Types of hazardous waste produced by Hazardous Waste Number:
LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE
IS LANDFILLED

4. Are hazardous wastes transported off-site by the facility? ☒ Yes ☐ No

LEACHATE GOES TO A PERM.

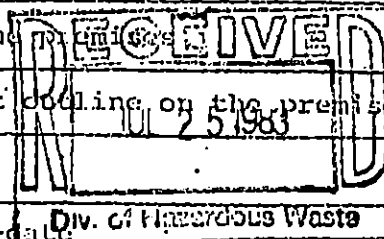


1- NON-COMPLIANCE, 2- COMPLIANCE, 3- NOT APPLICABLE, 4- NOT DETERMINED

COMPLIANCE STATUS				REQUIREMENT	CHAPTER CITATION
1	2	3	4		
	X			Part A permit application submitted	(a) (2), (
	X			Identification number	(b)
	X			Wastes accepted at facility transported by haulers licensed to transport hazardous waste by the Department	(b) (1)
	X			Waste streams not covered by permit approved by the Department before acceptance	(c
	X			Chemical and physical analyses repeated as required	(c) (1)
		X		All waste shipments inspected and sampled	(c) (2)
	X			Waste analysis plan on-site	(c) (3)
				24 hr. surveillance at active portion	(d) (2)
	X			Artificial barrier at active portion	(d) (2)
	X			Proper signs posted and legible at a distance of at least 25 ft.	(d) (3)
			X	Inspection schedule on-site	(e) (2)
			X	Maintenance schedule on-site for equipment or structures which reveal deterioration or malfunction	(e) (4)
	X			Immediate remedial action taken where a hazard is imminent or has already occurred	(e) (4)
	X			On the job or classroom personnel training program	(f)
	X			Records retained for each employee at facility of training, job title, and job description	(f) (6)
		X		Ignitable or reactive wastes separated from source of ignition or reaction	(g) (1)
		X		No smoking signs displayed where there are hazards from ignitable or reactive wastes	(g) (1)
		X		Treatment, storage, disposal of ignitable or reactive wastes or mixing of incompatible wastes or materials conducted according to requirements	(g) (2)
	X			Facility equipped with internal alarm system capable of providing immediate emergency instruction to personnel	(h) (2)
	X			Facility equipped with a device for summoning outside emergency assistance	(h) (2)
	X			Facility equipped with fire control, spill control, and decontamination equipment	(h) (2)
	X			Facility equipped with water at adequate volume and pressure to supply fire control equipment	(h) (2)
	X			Facility communications or alarm systems, fire control, spill control, and decontamination equipment tested and maintained.	(h) (3)
		X		Adequate aisle space maintained to allow unobstructed movement of personnel and equipment during emergencies	(h) (6)
	X			Contingency plan on-site and implemented	(i) (1)
	X			Contingency plan describes action taken by personnel in the event of an emergency	(i) (3)
	X			Contingency plan describes arrangements agreed to for outside emergency	

1-NON-COMPLIANCE, 2-COMPLIANCE, 3-NOT APPLICABLE, 4-NOT DETERMINED

COMPLIANCE STATUS				REQUIREMENT	CHAPTER CITATION
1	2	3	4		
	X			Contingency plan contains an up-to-date list of names, addresses and phone numbers of all persons qualified to act as emergency coordinator.	(i) (6)
	X			Contingency plan contains list of emergency equipment including location, physical description and capabilities of each item	(i) (7)
	X			Contingency plan contains an evacuation plan if there is a possibility that evacuation could be necessary	(i) (8)
	X			One employee designated as the primary emergency coordinator either on the premises or on call.	(i) (11)
	X			Facility accepting only PA manifests	(j)
	X			Manifests properly completed and routed within time limits (24 hrs.)	(j) (2)
	X			Manifest discrepancies resolved or reported within time limits	(j) (10)
	X			Written operating record maintained on the premises	(k)
	X			Written operating record contains description and quantity of wastes and method of treatment, storage or disposal	(k) (2)
		X		Written operating record contains location and quantity of each hazardous waste	(k) (2)
	X			Written operating record contains results of waste analyses and treatability tests	(k) (2)
				Written operating record contains reports and details of all incidents	(k) (2)
		X		Written operating record contains records and results of all inspections	(k) (2)
	X			Written operating record contains required monitoring, testing, and analytical data	(k) (2)
(X)				Written operating record contains closure and post-closure cost estimates	(k) (2)
	✓			All records retained on premises and available for inspection	(l)
	X			Quarterly reports submitted to the Department	(m)
	X			Emissions, discharges, fires, explosions, and groundwater contamination reported as required	(m) (2)
	X			Groundwater monitoring wells located at approved sites	(n) (2)
	X			Adequate protection of groundwater monitoring wells	(n) (7)
	X			Groundwater sampling and analysis plan on the premises	(n) (8)
	X			Groundwater quality assessment and abatement outline on the premises	(n) (14)
(X)				Closure plan on the premises and up-to-date	(o) (2)
(X)				Post-closure plan on the premises and up-to-date	(o) (10)
(X)				Annual closure cost estimate on the premises and up-to-date	(p) (2)
(X)				Annual post-closure cost estimate on the premises and up-to-date	(p) (5)



[illegible]

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

IDENTIFICATION NUMBER (1-7) 100550		INSPECTION DATE (9-14) 7/25/83		INSPECTORS SOC. SEC. NO. (16-24) 7-2-100-1000	
NAME OF DISPOSAL FACILITY Barnstable Landfill			FACILITY ADDRESS 300 N. 1st St. Barnstable, MA		
MUNICIPALITY Barnstable			COUNTY Barnstable		
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) Mr. Michael Miller, V. Pres.					
DAILY VOLUME RECEIVED		ANNUAL REPORT RECEIVED		DAYS PER WEEK OPERATED	

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26	75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present	X	
27	75.21(s)	25' setback line buffer zone present	X	
28	75.21(i)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X	
29	75.21(q)	Approved operational safety program being utilized	X	
30	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly		X
31	75.21(m)(2)	Hours of operation prominently posted	X	
32	75.21(k)	Telephone or other communications available	X	
33	75.21(o)(1)	Salvaging occurs in accordance with regulations	X	
34	5.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided		
35	75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift		
36	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site		
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department		X
38	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized		
39	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles		
40	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations		
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks		

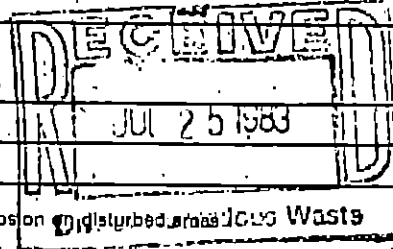
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**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10**

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(8)	Gas management	X	
43	75.24(b)(4)(i), 75.37(k)(6) & 75.38 II(8)(i)	Ground water monitoring requirements being met	X	
44	75.24(o)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X	
45	75.24(c)(2)(x)	Approved subbase being utilized	X	
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X	
47	75.25(h)	Lined site, under drains operable	X	
48	75.25(i)	Are liners in place and covered with protective earth	X	
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained	X	
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	(X)	
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X	
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X	
53	75.26(q)	At lined sites, is all waste deposited on lined areas	X	
54	75.26(f)	Regulation ban on open burning adhered to	X	
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X	
56	75.26(i) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	(X)	
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X	
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X	
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X	
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	X	
61	75.26(a), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	(X)	
62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X	
63	75.26(j), (k)	Blowing litter controlled	X	
64	75.26(c)	Provision for standby equipment available when needed	X	
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	(X)	
66	Chapter 101(9)(e)(2)	Is bonding status correct	X	



18280

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III — 6th & Walnut Sts.

Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection - *Boyetown Sanitary Disposal Co.
Gilbertsville, Pa. - PAD 048603005*

DATE: *9/20/83*

FROM: Gregory Koltonuk *gk*
Environmental Scientist (3AW22)

TO: File

THRU: Peter Schaul
Chief, Waste Enforcement Section (3AW22)

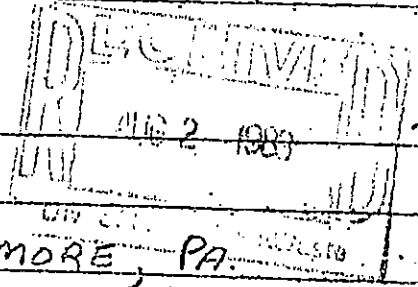
THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS
INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE
VIOLATIONS.

HAZARDOUS WASTE INSPECTION REPORT
TSD Facilities - Part A

08-283

Date of inspection 7/25/83 - 7/28/83 Time start 915 Time finish _____
Name of inspector THOMAS SHEEHAN
Company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC.
Location 300 MERKEL RD, GILBERTSVILLE, PA
County MONTGOMERY Municipality DOUGLASS TWP
Identification number PA D048603005
Name of responsible official MR. WARREN FRAME
Title ~~Owner~~ Pres.
Mailing address P.O. Box 360, R.D. 1, GLENMORE, PA
Area code and phone no. (215) 458-5274
Name of person interviewed MR. MICHAEL MILLER
Title VICE-PRES.
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA
Area code and phone no. (215) 367-7524



1. Site characterization:

- a. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biologic
- b. ☒ Storage - ☐ containers, ☐ tanks, ☒ surface impoundments, ☐ waste piles
- c. ☒ Disposal - ☐ land treatment, ☒ landfill, ☐ incineration, ☐ thermal treatment
- d. ☐ Use, ☐ reuse, ☐ recycle, ☐ reclaim

2. Does the facility generate hazardous wastes? ☒ Yes ☐ No

3. Types of hazardous waste produced by Hazardous Waste Number:
LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE
IS LANDFILLED

4. Are hazardous wastes transported off-site by the facility? ☒ Yes ☐ No

LEACHATE GOES TO A POTW.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <u>100550</u>	INSPECTION DATE (9-14) <u>7/27/81</u>	INSPECTORS SOC. SEC. NO. (16-24) <u>11/2/83</u>
NAME OF DISPOSAL FACILITY <u>Borestein Landfill</u>		FACILITY ADDRESS <u>300 M. V. Hill Rd</u>
MUNICIPALITY <u>Drexelton</u>	COUNTY <u>Montgomery</u>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <u>1-2-3</u>		
DAILY VOLUME RECEIVED <u>1/15</u>	ANNUAL REPORT RECEIVED <u>7/15</u>	DAYS PER WEEK OPERATED <u>5/6</u>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.			
27 75.21(s)	25' setback line buffer zone present.	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard.	X		
29 75.21(q)	Approved operational safety program being utilized.	X		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly.	X		
31 75.21(m)(2)	Hours of operation prominently posted.	X		
32 75.21(k)	Telephone or other communications available.	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations.	X		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided.	X		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift.	X		
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site.	X	X	
37 75.24(c)(2)(iii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department.	X	X	
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized.	X		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles.	X		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations.	X	X	
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks.	X		

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10**

1 — Compliance, 2 — Non-Compliance, 3 — Not applicable

CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(8)	X		
43	75.24(b)(4)(i), 75.37(k)(6) & 75.38 II(8)(i)	X		
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	X		
45	75.24(c)(2)(x)	X		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	X		
47	75.25(h)	X		
48	75.25(i)	X		
49	75.25(o)(3)	X		
50	75.26(a) & 75.37(g)	X		
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	X		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	X		
53	75.26(q)	X		
54	75.26(f)	X		
55	75.26(d) & 75.38 II(8)(vi)	X		
56	75.26(i) & 75.38 II(8)(vii)	X		
57	75.26(s)	X		
58	75.26(n)	X		
59	75.26(d) & 75.38 II(8)(iv)	X		
60	75.26(i)	X		
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	X		
62	75.26(g), (h) & 75.38 II(8)(vi)	X		
63	75.26(j), (k)	X		
64	75.26(c)	X		
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	X		
66	Chapter 101(9)(e)(2)	X		

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:
FORM NO. 10, 11, & 12

~~7/25/83~~
7/25/83
Time 5:25 AM
Weather Clear

DISPOSAL FACILITY Baytown
Landfill
DATE 7/1/83

Daily cover is adequate - slight erosion on top of landfill. There is no visible erosion on the surface.
The Department sampled the monitoring wells today. Samples were taken from all monitoring wells (except one). One sample 500 ml plastic bottle filled with HNO₃ for metals, and one sample 500 ml plastic inorganic parameters. The VON (the VON was taken first) sampling was done in the following order: 5, 11, 12, 10, 3, 7, 6, 1, 4. Garage, Leachate. Its nose was sampled from ground nearest pump after running water for 5 min - and the VON sample was taken from garage.

7/8/83
Treatment tanks empty, Lagoon just below incoming pipe is full.
Daily cover is adequate - working larger areas (working faster) due to lack of space until new fence is laid out. Leachate looks OK.
Collection area on southwest side of Well 5 needs to be cleaned out.
(Handwritten signature) 7/1/83

Department of Environmental Resources Representative

Operator

18281

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III — 6th & Walnut Sts.
Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection - *Bryantown Sanitary Disposal Co.*
Gilbertsville, Pa. - PAD 048603005

DATE: *9/20/83*

FROM: Gregory Koltonuk *gk*
Environmental Scientist (3AW22)

TO: File

THRU: Peter Schaul
Chief, Waste Enforcement Section (3AW22)

THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS
INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE
VIOLATIONS.

*Note: Order being prepared
on facility.
How long has
this been going on
month's? If so
let's go*

HA DANGEROUS WASTE INSPECTION REPORT
TSD Facilities - Part A

CL 8.283

Date of inspection 6/28/83 and 7/7/83 Time start _____ Time finish _____

Name of inspector THOMAS SHEEHAN

Company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC.

Location 300 MERKEL RD, GILBERTSVILLE, PA

County MONTGOMERY Municipality DOUGLASS TWP

Identification number PA D048603005

Name of responsible official MR. WARREN FRAME

Title ~~Gen. Mgr.~~ Pres.

Mailing address P.O. Box 360, R.D. 1, GLENMORE, PA.

Area code and phone no. (215) 458-5274

Name of person interviewed MR. MICHAEL MILLER

Title VICE-PRES.

Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA.

Area code and phone no. (215) 367-7524

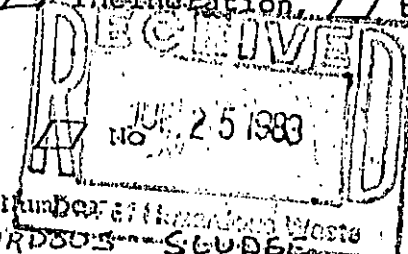
1. Site characterization:

- a. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological
- b. ☒ Storage - ☐ containers, ☐ tanks, ☒ surface impoundments, ☐ waste piles
- c. ☒ Disposal - ☐ land treatment, ☒ landfill, ☐ incineration, ☐ thermal treatment
- d. ☐ Use, ☐ reuse, ☐ recycle, ☐ reclaim

2. Does the facility generate hazardous wastes? ☒ Yes

3. Types of hazardous waste produced by Hazardous Waste Number 611 Hazardous Waste
LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE
IS LANDFILLED

4. Are hazardous wastes transported off-site by the facility? ☒ Yes ☐ No



LEACHATE GOES TO A POTW.

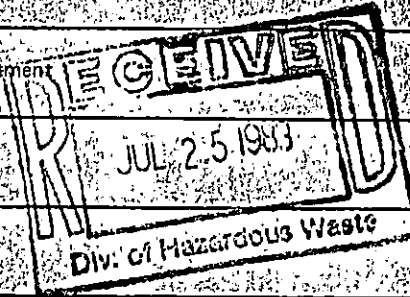
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <u>100550</u>		INSPECTION DATE (9-14) <u>6/28/83 and 7/1/83</u>	INSPECTORS SOC. SEC. NO. (16-24) <u>Thomson, K. H.</u>
NAME OF DISPOSAL FACILITY <u>Bon-Ton Sanitary Landfill</u>		FACILITY ADDRESS <u>300 Market Rd. Shillbushville</u>	
MUNICIPALITY <u>Duquesne Twp</u>	COUNTY <u>Monroe</u>		
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <u>Michael Miller V. Pres.</u>			
DAILY VOLUME RECEIVED <u>1000</u>	ANNUAL REPORT RECEIVED <u>YES</u>	DAYS PER WEEK OPERATED <u>5</u>	

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present.	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard.	X		
29 75.21(q)	Approved operational safety program being utilized.	X		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly.	X		
31 75.21(m)(2)	Hours of operation prominently posted.	X		
32 75.21(k)	Telephone or other communications available.	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations.	X		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided.	X		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift.	X		
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site.	X	X	
37 75.24(c)(2)(iii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department.	X	X	
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized.	X		
39 75.24(c)(2)(v) & 75.38 II(8)(iii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles.	X		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations.	X	X	
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks.	X		

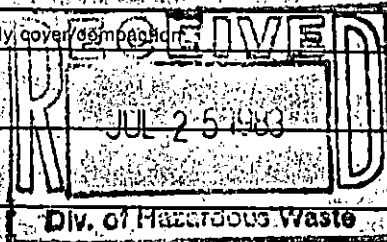


CC ONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management	X		
43 75.24(b)(4)(i), 75.37(k)(6) & 75.38 II(8)(i)	Ground water monitoring requirements being met	X		
44 75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45 75.24(c)(2)(x)	Approved subbase being utilized	X		
46 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
47 75.25(h)	Lined site, under drains operable	X		
48 75.25(i)	Are liners in place and covered with protective earth	X		
49 75.25(o)(3)	Lined site, daily record of leachate flow maintained	X		
50 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	X		
51 75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	(X)		
52 75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
53 75.26(q)	At lined sites, is all waste deposited on lined areas	X		
54 75.26(f)	Regulation ban on open burning adhered to	X		
55 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
56 75.26(i) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X		
57 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X		
58 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X		
59 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
60 75.26(i)	Working face area confined to size suitable for daily cover compaction	X		
61 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X	X	
62 75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X	X	
63 75.26(j), (k)	Blowing litter controlled	X		
64 75.26(c)	Provision for standby equipment available when needed	X		
65 75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	(X)		
66 Chapter 101(9)(e)(2)	Is bonding status correct	X		



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:
FORM NO. 10, 11, & 12

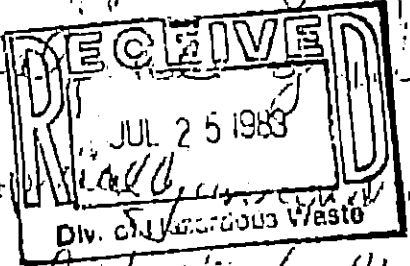
Sanitary Landfill

Lagoon Level - ~ 1/3 full
slimes not locked up
Vale ~ 1/2 full
southeast side

DISPOSAL FACILITY Sanitary Landfill
DATE 6/20/83 7/7/83

- siltation area cleaned out, stone berm is still there
- Bench - roughly done - top soil still needed under bench
- north corner nothing done
- track hauled
- June 13 4 loads, June 14 3 loads
- no more has been hauled out since June 14
- Landfill has been recirculating track. (1 truck back - empty truck another working)

7/7/83 Time 10³⁰ AM, weather - clear sunny.
Lagoon level few inches over the pipes in incoming manhole
Treatment tank - 2 ft freeboard & aerators operating
Hale - recently pumped out slow flow of leachate into vale.
New pad - thing close to fence
House has been demolished
Direct problem - no more loads
Working fine
Lumber & 4" pipe out since 6/24 - 1/2 ton load, 7/7 - two loads



[Signature] 7/7/83
Department of Environmental Resources Representative
[Signature]
Operator

15282

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts.

Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection - *Boyetown Sanitary Disposal Co., Inc.*
PAD 048603005

DATE: *10/3/83*

FROM: Gregory Koltonuk *gk*
Environmental Scientist (3AW22)

TO: File

THRU: Peter Schaul *P. Schaul*
Chief, Waste Enforcement Section (3AW22)

THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS
INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE
VIOLATIONS.

*Note: DER issued 2 citations
to facility for hazardous
waste violations (2000).
These citations are attached.
Copies being reviewed by *[signature]*
legal for possible
further action.*

gk

HAZARDOUS WASTE INSPECTION PORT
TSD Facilities - Part A

Alg

8-10-83

Date of inspection 8/4/83 Time start _____ Time finish _____

Name of inspector THOMAS SHEEHAN

Company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC.

Location 300 MERKEL RD, GILBERTSVILLE, PA

County MONTGOMERY Municipality DOUGLASS TWP

Identification number PA D048603005

Name of responsible official MR. WARREN FRAME

Title ~~Gen. Mgr.~~ Pres.

Home address P.O. Box 360, R.D. 1, GLENMORE, PA.

Area code and phone no. (215) 458-5274

Name of person interviewed Mr. Michael Meller

Title V. Pres.

Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA

Area code and phone no. (215) 367-7524

1. Site characterization:

- a. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological
b. ☒ Storage - ☐ containers, ☐ tanks, ☒ surface impoundments, ☐ waste piles
c. ☒ Disposal - ☐ land treatment, ☒ landfill, ☐ incineration, ☐ thermal treatment
d. ☐ Use, ☐ reuse, ☐ recycle, ☐ reclaim

2. Does the facility generate hazardous wastes? ☒ Yes ☐ No

3. Types of hazardous waste produced by Hazardous Waste Number LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE IS LANDFILLED

4. Are hazardous wastes transported off-site by the facility? ☒ Yes ☐ No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

IDENTIFICATION NUMBER (1-7) 100550	INSPECTION DATE (9-14) 8/4/83	INSPECTORS SOC. SEC. NO. (16-2)
NAME OF DISPOSAL FACILITY Baytown Landfill	FACILITY ADDRESS 300 M. & S. Rd	
MUNICIPALITY Douglas Twp	COUNTY Montgomery	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) [Signature]		
DAILY VOLUME RECEIVED	ANNUAL REPORT RECEIVED YES	DAYS PER WEEK OPERATED 5

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

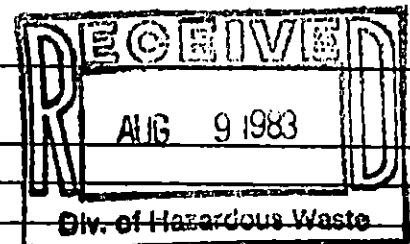
CHAPTER CITATION		1	2
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X	
27 75.21(s)	25' setback line buffer zone present	X	
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X	
29 75.21(q)	Approved operational safety program being utilized	X	
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly		
31 75.21(m)(2)	Hours of operation prominently posted	X	
32 75.21(k)	Telephone or other communications available	X	
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X	
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X	
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 11(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift.		
36 75.24(c)(2)(i), 75.37(e) & 75.38 11(8)(viii)	Surface water management administered at the site		
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department		
38 75.24(c)(2)(xi) & 75.38 11(8)(viii)	Adequate source and type of cover material being utilized	X	
39 75.24(c)(2)(v) & 75.38 11(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X	
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 11(8)(viii)	Slopes, benching and terracing in accord with regulations	X	
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 11(8)(ii)	Fire breaks		

COMMONWEALTH OF PENNSYLV.
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management	X
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X
45	75.24(c)(2)(x)	Approved subbase being utilized	X
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X
47	75.25(h)	Lined site, under drains operable	X
48	75.25(i)	Are liners in place and covered with protective earth	X
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained	X
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	X
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X
53	75.26(q)	At lined sites, is all waste deposited on lined areas	X
54	75.26(f)	Regulation ban on open burning adhered to	X
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X
56	75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	X
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X
62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X
63	75.26(j), (k)	Blowing litter controlled	X
64	75.26(c)	Provision for standby equipment available when needed	X
65	75.26(o), (p), 75.37(l), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	X
66	Chapter 101(9)(e)(2)	Is bonding status correct	X



COMPLIANCE
STATUS

REQUIREMENT

City
City

1	2	3	4
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(v)

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AUG 9 1983

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:
FORM NO. 10, 11, & 12

DISPOSAL FACILITY

Bergentown
Landfill

DATE

2/4/83

Linings being laid - some
paving has already been done.

Trench is being dug for installation of leachate
line to drain new pad.

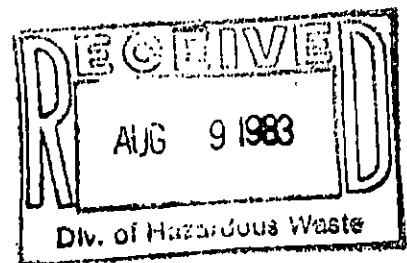
Working face is up top above SW slope

- Lagoon level - above incoming pipe

- No agreement between BMMMA and Landfill yet

The Department wants to see all construction of the
basin before anything is covered.

- No closure plan has been received by Dept.



Department of Environmental Resources Representative

Operator

HAZARDOUS WASTE INSPECTION PORT
TSD Facilities - Part A

18283
9-12-83

Date of inspection 8/1/83 Time start _____ Time finish _____

Name of inspector THOMAS SHEEHAN

Company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC

Location 300 MERKEL RD, GILBERTSVILLE, PA

County MONTGOMERY Municipality DOUGLASS TWP

Identification number PA 00486 03005

Name of responsible official MR. WARREN FRAME

Title ~~Owner~~ Pres.

Billing address P.O. Box 360, R.D. 1, GLENMORE, PA.

Area code and phone no. (215) 458-5274

Name of person interviewed _____

Title _____

Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA

Area code and phone no. (215) 367-7524

1. Site characterization:

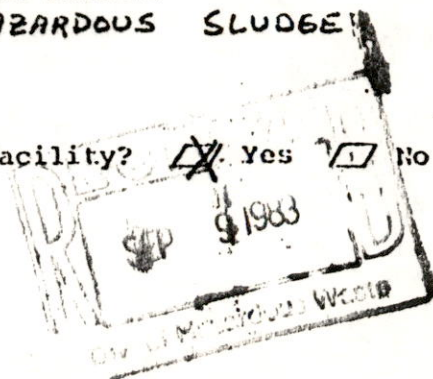
- a. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological
- b. ☒ Storage - ☐ containers, ☐ tanks, ☒ surface impoundments, ☐ waste pile
- c. ☒ Disposal - ☐ land treatment, ☒ landfill, ☐ incineration, ☐ thermal treatment
- d. ☐ Use, ☐ reuse, ☐ recycle, ☐ reclaim

2. Does the facility generate hazardous wastes? ☒ Yes ☐ No

3. Types of hazardous waste produced by Hazardous Waste Number:

LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE
IS LANDFILLED

4. Are hazardous wastes transported off-site by the facility? ☒ Yes ☐ No



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

Page 1 of 1

Time 8:25 AM

Weather sunny hot

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

100550

COMMENTS:
FORM NO. 10, 11, & 12

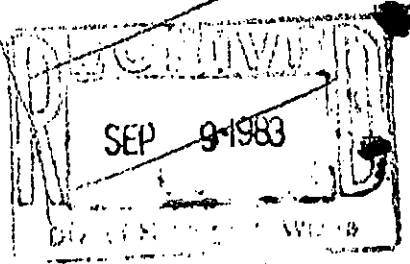
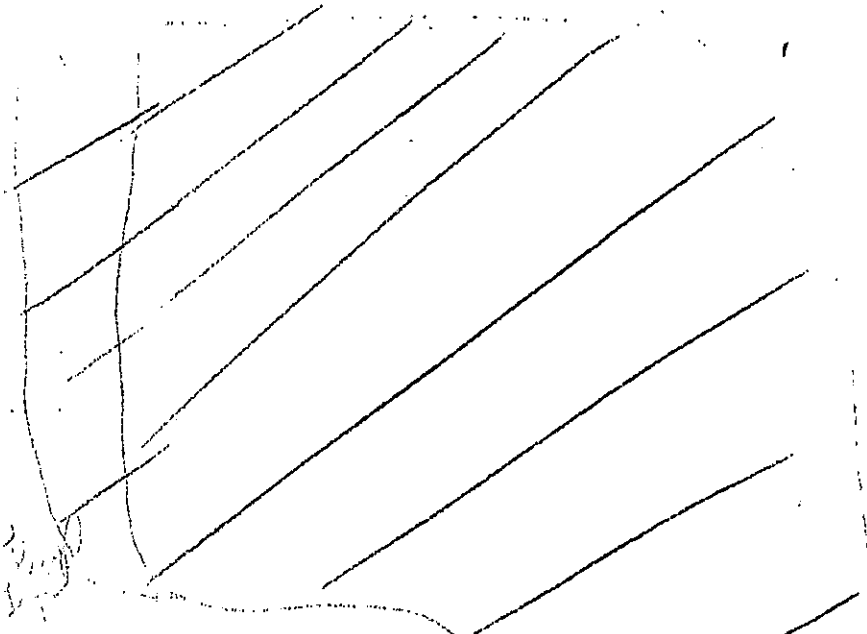
New Park
trash compacted

DISPOSAL FACILITY Bergeton
Landfill
DATE 8/8/83

NT

← no more trash to be D

subcompacted
mud 11/1/83



protective covers can be put on these areas

[Signature]
Department of Environmental Resources Representative

[Signature]
Operator

HAZARDOUS WASTE INSPECTION PORT
TSD Facilities - Part ..

18284
Cl. 9-12-83

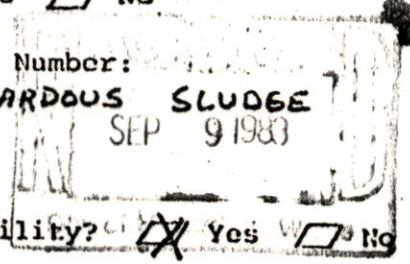
Date of inspection 8/9/83 Time start _____ Time finish _____
Name of inspector THOMAS SHEEHAN
Company, installation name BOYERTOWN SANITARY DISPOSAL Co., INC
Location 300 MERKEL RD, GILBERTSVILLE, PA
County MONTGOMERY Municipality DOUGLASS TWP
Identification number PA D048603005
Name of responsible official MR. WARREN FRAME
Title ~~OWNER~~ Pres.
Mailing address P.O. Box 360, R.D. 1, GLENMORE, PA.
Area code and phone no. (215) 458-5274
Name of person interviewed _____
Title _____
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA
Area code and phone no. (215) 367-7524

1. Site characterization:

- a. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological
b. ☒ Storage - ☐ containers, ☐ tanks, ☒ surface impoundments, ☐ waste piles
c. ☒ Disposal - ☐ land treatment, ☒ landfill, ☐ incineration, ☐ thermal treatment
d. ☐ Use, ☐ reuse, ☐ recycle, ☐ reclaim

2. Does the facility generate hazardous wastes? ☒ Yes ☐ No

3. Types of hazardous waste produced by Hazardous Waste Number:
LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE
IS LANDFILLED



4. Are hazardous wastes transported off-site by the facility? ☒ Yes ☐ No

Page 1 of 1

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:
FORM NO. 10, 11, & 12

100550

Time 9³⁰ AM

Weather sunny - 64°

Crew

DISPOSAL FACILITY

Bery town

Landfill

DATE

4/9/83

anchors being installed

on SE side

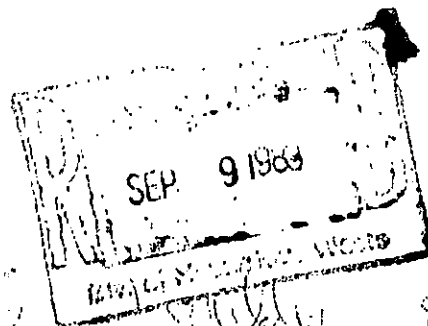
- protective covers being ~~put~~ put on starting in
South corner

land delivered copy of VOA laboratory analysis for
samples taken by myself on 7/25/83 and analyzed at
the DER Laboratory in Harrisburg - Analysis for W.L.
4, 5, 6, 7 (New), 8, 9, 10, 11, 12, and Leachate from lagoons

Work area above SW slope.

Thomas W. Korman 2/9/85
Department of Environmental Resources Representative

Operator



8/9/83

HAZARDOUS WASTE INSPECTION REPORT
TSD Facilities - Part A

18255

Cl. 9-12-83

Date of inspection 9/14/83 Time start _____ Time finish _____
Name of inspector THOMAS SHEEHAN
Company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC.
Location 300 MERKEL RD, GILBERTSVILLE, PA
County MONTGOMERY Municipality DOUGLASS TWP
Identification number PA D048603005
Name of responsible official MR. WARREN FRAME
Title ~~Owner~~ Pres.
Mailing address P.O. Box 360, R.D. 1, GLENMORE, PA.
Area code and phone no. (215) 458-5274
Name of person interviewed _____
Title _____
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA
Area code and phone no. (215) 367-7524

1. Site characterization:

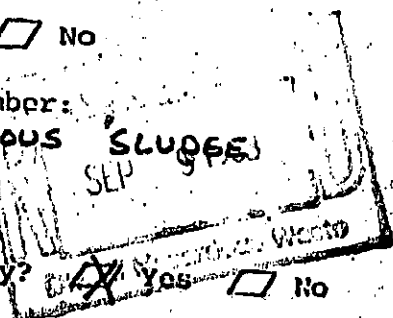
- a. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological
b. ☒ Storage - ☐ containers, ☐ tanks, ☒ surface impoundments, ☐ waste piles
c. ☒ Disposal - ☐ land treatment, ☒ landfill, ☐ incineration, ☐ thermal treatment
d. ☐ Use, ☐ reuse, ☐ recycle, ☐ reclaim

2. Does the facility generate hazardous wastes? ☒ Yes ☐ No

3. Types of hazardous waste produced by Hazardous Waste Number:

LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGES
IS LANDFILLED

4. Are hazardous wastes transported off-site by the facility?



☒ Yes ☐ No

**INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES**

New-Paid

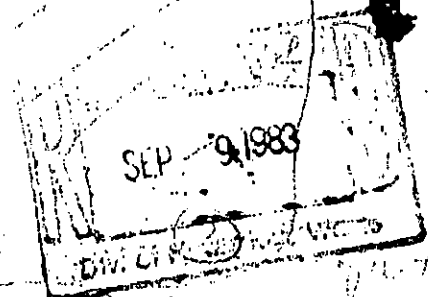
Rev. T. J. ...

8/16/83

D- Down gradient beam installed Wingfield
 - Engineering notes beam DATE 8/16/83
 - Page 2 of 2 to beam that ~~is~~ is beam
 - Protective cover beam must be put on the beam
 noted approved by Department.

no work pipe from this pool has not been cut yet
some have not been installed, it was in the
past some pool/has not a work pipe (but some
have been cut in a pool, as the same as a
work pipe of Department

The house has been torn and badly compromised in the
wreck of Kniffel. Potatoes come from the
plant in this area as far as the house has
been done.



Theresa Gladen 2/14/22
Department of Environmental Resources Representative

Operator

HAZARDOUS WASTE INSPECTION REPORT
TSD Facilities - Part A

09-128318286

Date of inspection 8/18/83 Time start _____ Time finish _____

Name of inspector THOMAS SHEEHAN

Company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC.

Location 300 MERKEL RD, GILBERTSVILLE, PA

County MONTGOMERY Municipality DOUGLASS TWP

Identification number PA D048603005

Name of responsible official MR. WARREN FRAME

Title ~~Owner~~ Pres.

Mailing address P.O. Box 360, R.D. 1, GLENMORE, PA.

Area code and phone no. (215) 458-5274

Name of person interviewed _____

Title _____

Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA.

Area code and phone no. (215) 367-7524

1. Site characterization:

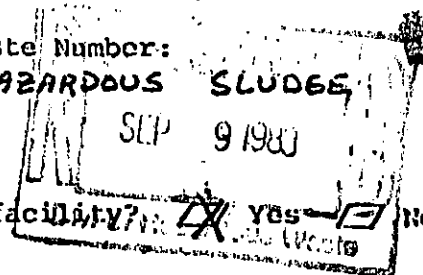
- a. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological
- b. ☒ Storage - ☐ containers, ☐ tanks, ☒ surface impoundments, ☐ waste piles
- c. ☒ Disposal - ☐ land treatment, ☒ landfill, ☐ incineration, ☐ thermal treatment
- d. ☐ Use, ☐ reuse, ☐ recycle, ☐ reclaim

2. Does the facility generate hazardous wastes? ☒ Yes ☐ No

3. Types of hazardous waste produced by Hazardous Waste Number:

LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE
IS LANDFILLED

4. Are hazardous wastes transported off-site by the facility? ☒ Yes ☐ No



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <u>100550</u>	INSPECTION DATE (9-14) <u>8/15/83</u>	INSPECTORS SOC. SEC. NO. (16-2)
NAME OF DISPOSAL FACILITY <u>Beaver Run Landfill</u>		FACILITY ADDRESS <u>300 Market Rd. York, Pa.</u>
MUNICIPALITY <u>Douglas Township</u>	COUNTY <u>York</u>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <u>Beaver Run Landfill</u>		

DAILY VOLUME RECEIVED	ANNUAL REPORT RECEIVED	DAYS PER WEEK OPERATED
-----------------------	------------------------	------------------------

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X	
27 75.21(s)	25' setback line buffer zone present		
28 75.21(i)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard		
29 75.21(q)	Approved operational safety program being utilized		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly		
31 75.21(m)(2)	Hours of operation prominently posted		
32 75.21(k)	Telephone or other communications available	X	
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X	
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X	
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift		
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site		X
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department		
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles		X
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations		X
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks		

SEP 9 1983

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10**

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management	X
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X
45	75.24(c)(2)(x)	Approved subbase being utilized	X
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X
47	75.25(h)	Lined site, under drains operable	X
48	75.25(i)	Are liners in place and covered with protective earth	X
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained	X
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X
53	75.26(q)	At lined sites, is all waste deposited on lined areas	X
54	75.26(f)	Regulation ban on open burning adhered to	X
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X
56	75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	X
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X
62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X
63	75.26(j), (k)	Blowing litter controlled	X
64	75.26(c)	Provision for standby equipment available when needed	X
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	X
66	Chapter 101(9)(e)(2)	Is bonding status correct	X

SEP 9 1983

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:
FORM NO. 10, 11, & 12

Time 2:00 PM

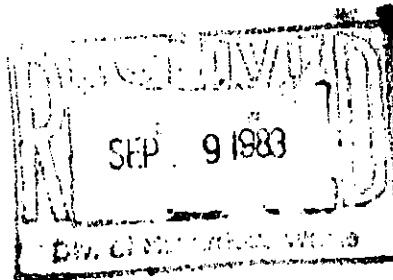
Weather: 1 day
windy night

DISPOSAL FACILITY Boyerstown
Landfill
DATE 8/15/83

- Lining still not glued around
pipes yet - Dept. wants to glue seams
before covering.

is being put over protective liner

Waste Conversion sludge can be taken at the
landfill at night only if an operator is present
and landfill the sludge as it arrives
at the site. It must be managed to prevent
odor problems and runoff of rainwater that
comes into contact with the Hazardous Waste.



Thomas H. Hahn 8/18/83
Department of Environmental Resources Representative

Richard L. Kelly
Operator

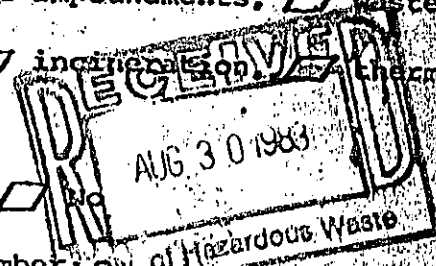
U-318
Date of inspection 8/29/83 Time start 9:40 Time finish _____
Name of inspector THOMAS SHEEHAN
Company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC.
Location 300 MERKEL RD, GILBERTSVILLE, PA
County MONTGOMERY Municipality DOUGLASS TWP
Identification number PA D048603005
Name of responsible official MR. WARREN FRAME
Title ~~Gen. Mgr.~~ Pres.
Mailing address P.O. Box 360, R.D. 1, GLENMORE, PA.
Area code and phone no. (215) 458-5274
Name of person interviewed MR. MICHAEL MILLER
Title VICE-PRES.
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA.
Area code and phone no. (215) 367-7524

1. Site characterization:

- a. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological
b. ☒ Storage - ☐ containers, ☐ tanks, ☒ surface impoundments, ☐ waste pile
c. ☒ Disposal - ☐ land treatment, ☒ landfill, ☐ incineration, ☐ thermal treatment
d. ☐ Use, ☐ reuse, ☐ recycle, ☐ reclaim

2. Does the facility generate hazardous wastes? ☒ Yes ☐ No3. Types of hazardous waste produced by Hazardous Waste Number: LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE IS LANDFILLED DIV. of Hazardous Waste4. Are hazardous wastes transported off-site by the facility? ☒ Yes ☐ No

LEACHATE GOES TO A POTW.



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:
FORM NO. 10, 11, & 12

DISPOSAL FACILITY

Landfill

DATE

2/29/82

Time 8:40 AM

Weather: overcast
rain last night

Lagoon over 1/2 full

Treatment tanks empty - gates being washed
near bottom

New pad

- being laid around up gradient pipe - looks
- pipe hooked into main network for new pad
- lines crossing where pipe used to go into main
- Dept. did not inspect this before it was
- appeared to be plugged from looking through
- Landfill report that 6" pipe is down with
- cap glued on and there is clay over top
- The new pad and the pipe is hooked
- into the leachate line

Fence line + screening can be put around pipe

- New access road built along NE side of access road
- pad to be built from N side
- to put gravel spread etc. along it and of new
- access road

Thomas H. Harker 2/29/82

Department of Environmental Resources Representative

Michael R. Harker

Operator

16289

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts.

Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection-Boyertown Sanitary Disposal Co., Inc.
PAD 04 860 3005

DATE: 8/1/83

FROM: Gregory Koltonuk *gk*
Environmental Scientist (3AW22)

TO: File

THRU: Peter Schaul *PS*
Chief, Waste Enforcement Section (3AW22)

THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS
INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE
VIOLATIONS.

HAZARDOUS WASTE INSPECTION REPORT
TSD Facilities - Part A

Cl
5-10-83

Date of inspection 5/3/83 Time start 9⁰⁰ Time finish 1⁰⁰
Name of inspector THOMAS SHEEHAN
Company, installation name BOYERTOWN SANITARY DISPOSAL Co., INC.
Location 300 MERKEL RD, GILBERTSVILLE, PA
County MONTGOMERY Municipality DOUGLASS TWP
Identification number PA D048603005
Name of responsible official MR. WARREN FRAME
Title ~~OWNER~~ Pres.
Mailing address P.O. Box 360, R.D. 1, GLENMORE, PA.
Area code and phone no. (215) 458-5274
Name of person interviewed MR. MICHAEL MILLER
Title VICE-PRES.
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA.
Area code and phone no. (215) 367-7524

1. Site characterization:

- a. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological
b. ☒ Storage - ☐ containers, ☐ tanks, ☒ surface impoundments, ☐ waste piles
c. ☒ Disposal - ☐ land treatment, ☒ landfill, ☐ incineration, ☐ thermal treatment
d. ☐ Use, ☐ reuse, ☐ recycle, ☐ reclaim

2. Does the facility generate hazardous wastes? ☒ Yes ☐ No

MAY 9 1983

3. Types of hazardous waste produced by Hazardous Waste Number:
LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE
IS LANDFILLED

4. Are hazardous wastes transported off-site by the facility? ☒ Yes ☐ No

LEACHATE trucked to TSD
GOES TO A POTW.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management	X	
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X	
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X	
45	75.24(c)(2)(x)	Approved subbase being utilized	X	
	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X	
47	75.25(h)	Lined site, under drains operable	X	
48	75.25(i)	Are liners in place and covered with protective earth	X	
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained	X	
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly		X
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required		(X)
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X	
53	75.26(q)	At lined sites, is all waste deposited on lined areas	X	
54	75.26(f)	Regulation ban on open burning adhered to	X	
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X	
	75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	(X)	
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	(X)	
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X	
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X	
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	X	
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans		(X)
62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X	
63	75.26(j), (k)	Blowing litter controlled	X	
64	75.26(c)	Provision for standby equipment available when needed	X	
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		X
66	Chapter 101(9)(e)(2)	Is bonding status correct	X	

MAY 9 1983

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

Time 9:00 AM

Weather overcast

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:
FORM NO. 10, 11, & 12

(34) (37) (40) (51) (61) + (65) Pertains to the numbering of signs, road, regulation and stability being disturbed areas explained in the 4/22/83 and 4/24/83 inspection reports

DISPOSAL FACILITY Bay Tower
Landfill
DATE 5/3/83

(56) There is inadequate daily cover in some of the areas. Also, it appears that the old solid waste (S+D) and old trash dug out from the landfill have been covered in the areas - both of these materials not acceptable daily cover material. This should be properly covered in 24 hours.

(57) This pertains to the sludge from Chem (Chem) in the lagoon. The sludge coming into the landfill today was well covered with lids - the load was shifting in the lagoon on a slight grade. This sludge is approved for disposal at this landfill only if the lids are intact. MAY 9 1983

Lagoon level is below incoming pipe and above outgoing pipe. Lagoon still in maintenance under lagoon. Treatment tanks about 3/4 full. Lagoon in first manhole (closest to treatment tank) some head in treatment tank. Contaminated only in second manhole only (low head).
Department of Environmental Resources Representative 5/3/83
Operator 5/3/83

18290

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts.
Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection-Boyertown Sanitary Disposal Co., Inc.
PAD 048603005

DATE: 2/13/83

FROM: Gregory Koltonuk *gk*
Environmental Scientist (3AW22)

TO: File

THRU: Peter Schaul *MSH/TS*
Chief, Waste Enforcement Section (3AW22)

THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS
INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE
VIOLATIONS.

HAZARDOUS WASTE INSPECTION REPORT
TSD Facilities - Part A

4-21-83

4/7/83 and 4/8/83

Date of inspection 4/7/83 Time start _____ Time finish _____

Name of inspector THOMAS SHEEHAN

Company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC.

Location 300 MERKEL RD, GILBERTSVILLE, PA

County MONTGOMERY Municipality DOUGLASS TWP

Identification number PA D048603005

Name of responsible official MR. WARREN FRAME

le Owner

Mailing address P.O. Box 360, R.D. 1, GLENMORE, PA.

Area code and phone no. (215) 458-5274

Name of person interviewed MR. MICHAEL MILLER

Title VICE-PRES.

Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA

Area code and phone no. (215) 367-7524

Site characterization:

- a. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological
- b. ☒ Storage - ☐ containers, ☐ tanks, ☒ surface impoundments, ☐ waste piles
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- d. ☐ Use, ☐ reuse, ☐ recycle, ☐ reclaim

2. Does the facility generate hazardous wastes? ☒ Yes ☐ No

3. Types of hazardous waste produced by Hazardous Waste Number:

LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE
IS LANDFILLED

4. Are hazardous wastes transported off-site by the facility? ☒ Yes ☐ No

LEACHATE GOES TO A POTW.

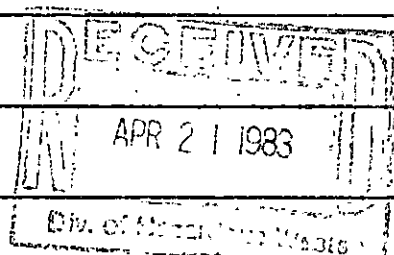
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

IDENTIFICATION NUMBER (1-7) 100550	INSPECTION DATE (9-14) 4/1 + 4/8/83	INSPECTORS SOC. SEC. NO. (16-24) _____
NAME OF DISPOSAL FACILITY Boynton Sanitary Disposal Co. Inc.		FACILITY ADDRESS 300 Merkel Rd. Liberty, Pa.
MUNICIPALITY Douglas Twp.	COUNTY Montgomery	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) Mr. Warren Frame Pres		
DAILY VOLUME RECEIVED _____	ANNUAL REPORT RECEIVED yes	DAYS PER WEEK OPERATED 5 1/2

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	<input checked="" type="checkbox"/>		
27 75.21(s)	25' setback line buffer zone present	<input checked="" type="checkbox"/>		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	<input checked="" type="checkbox"/>		
29 75.21(q)	Approved operational safety program being utilized	<input checked="" type="checkbox"/>		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	<input checked="" type="checkbox"/>		
31 75.21(m)(2)	Hours of operation prominently posted	<input checked="" type="checkbox"/>		
32 75.21(k)	Telephone or other communications available	<input checked="" type="checkbox"/>		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	<input checked="" type="checkbox"/>		
34 75.21(r)(1), (2), (3), (4), 75.24(c)(2)(vii)(viii)	Operational records maintained and method of measurement provided	<input checked="" type="checkbox"/>		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	<input checked="" type="checkbox"/>		
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	<input checked="" type="checkbox"/>		
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department		<input checked="" type="checkbox"/>	
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	<input checked="" type="checkbox"/>		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	<input checked="" type="checkbox"/>		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations		<input checked="" type="checkbox"/>	
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	<input checked="" type="checkbox"/>		



**MONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10**

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management	X	
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X	
44	75.24(c)(2)(xi), 75.37(k), & 75.38 II(8)(ii)	Approved cover material being utilized	X	
45	75.24(c)(2)(x)	Approved subbase being utilized	X	
	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X	
	75.25(h)	Lined site, under drains operable	X	
48	75.25(i)	Are liners in place and covered with protective earth	X	
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained	X	
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	X	
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X	
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(iii)	Solid waste spread and compacted in layers not exceeding two feet deep	X	
53	75.26(q)	At lined sites, is all waste deposited on lined areas	X	
54	75.26(f)	Regulation ban on open burning adhered to	X	
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X	
	75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X	
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X	
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X	
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X	
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	X	
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X	
62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X	
63	75.26(j), (k)	Blowing litter controlled	X	
64	75.26(c)	Provision for standby equipment available when needed	X	
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		X
66	Chapter 101(9)(e)(2)	Is bonding status correct		X

RECEIVED
APR 21 1983

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:
FORM NO. 10, 11, & 12

3/7/83

Time 9:15 AM

- Lagoon almost empty

- pump being used to get remaining leachate out.

DISPOSAL FACILITY

Bayona town
Landfill

- Hole catching leachate from lagoon

DATE

4/2/83 4/8/83

rench drain is not filled to overflow pipe.

3/8/83

10:00 AM

Rain.

- Lagoon level same as yesterday.

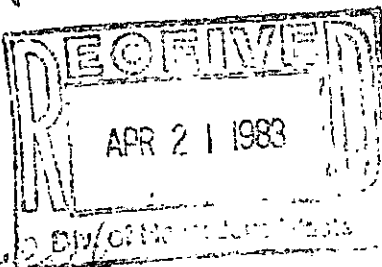
- Greater flow of leachate coming into lagoon than yesterday.

- The collection drain from the landfill should not be allowed to back up until the cause of leachate; then into the trench drain under lagoon has been identified and leachate coming from these drains is not the cause.

- If lagoon must remain empty for repairs and determining cause of trench drain problem the leachate should be run directly to the treatment tanks.

⑤ Seeding on disturbed areas should be done soon.

⑥ Bond has been resubmitted to Dept. but has not yet been approved of Dept. attorney



[Signature] 4/8/83
Department of Environmental Resources Representative

[Signature]
Operator

18211

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts.
Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection-Boyertown Sanitary Disposal Co., Inc.
PAD 048603005

DATE: 7/13/83

FROM: Gregory Koltonuk *gk*
Environmental Scientist (3AW22)

TO: File

THRU: Peter Schaul *MSL TS*
Chief, Waste Enforcement Section (3AW22)

THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS
INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE
VIOLATIONS.

HAZARDOUS WASTE INSPECTION REPORT
TSD Facilities - Part A

CE
4.21.83

Date of inspection 4/12/83 Time start _____ Time finish _____
Name of inspector THOMAS SHEEHAN
Company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC.
Location 300 MERKEL RD, GILBERTSVILLE, PA
County MONTGOMERY Municipality DOUGLASS TWP
Identification number PADO48603005
Name of responsible official MR. WARREN FRAME
Title ~~Owner~~ Pres.
Mailing address P.O. Box 360, R.D. 1, GLENMORE, PA.
Area code and phone no. (215) 458-5274
Name of person interviewed MR. MICHAEL MILLER
Title VICE-PRES.
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA.
Area code and phone no. (215) 367-7524

1. Site characterization:

- a. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological
b. ☒ Storage - ☐ containers, ☐ tanks, ☒ surface impoundments, ☐ waste piles
c. ☒ Disposal - ☐ land treatment, ☒ landfill, ☒ incineration, ☐ thermal treatment
d. ☐ Use, ☐ reuse, ☐ recycle, ☐ reclaim

2. Does the facility generate hazardous wastes? ☒ Yes ☐ No

3. Types of hazardous waste produced by Hazardous Waste Number: LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE IS LANDFILLED

4. Are hazardous wastes transported off-site by the facility? ☒ Yes ☐ No

LEACHATE GOES TO A POTW.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

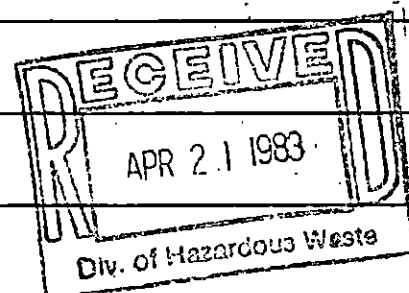
INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

IDENTIFICATION NUMBER (1-7) 100550	INSPECTION DATE (9-14) 4/12/83	INSPECTORS SOC. SEC. NO. (16-24) _____
NAME OF DISPOSAL FACILITY Boylestown Sanitary Dep Co. Inc.	FACILITY ADDRESS 300 Market Rd. Guilbertville	
MUNICIPALITY Doughlass Twp	COUNTY Montgomery	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER)		

DAILY VOLUME RECEIVED	ANNUAL REPORT RECEIVED YES	DAYS PER WEEK OPERATED 5 1/2
-----------------------	--------------------------------------	--

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(e)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
29 75.21(q)	Approved operational safety program being utilized	X		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly			
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X		
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	X		
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department		X	
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized.	X		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
40 75.24(c)(2)(iii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations		X	
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	X		

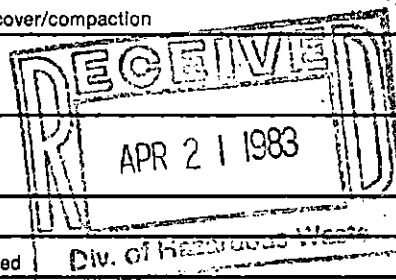


1 MONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

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42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management	X	
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44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X	
45	75.24(c)(2)(x)	Approved subbase being utilized	X	
47	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X	
48	75.25(h)	Lined site, under drains operable	X	
49	75.25(i)	Are liners in place and covered with protective earth	X	
50	75.25(o)(3)	Lined site, daily record of leachate flow maintained	X	
51	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	X	
52	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X	
53	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X	
54	75.26(q)	At lined sites, is all waste deposited on lined areas	X	
55	75.26(f)	Regulation ban on open burning adhered to	X	
56	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X	
57	75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X	
58	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X	
59	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X	
60	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X	
61	75.26(i)	Working face area confined to size suitable for daily cover/compaction	X	
62	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X	
63	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X	
64	75.26(j), (k)	Blowing litter controlled	X	
65	75.26(c)	Provision for standby equipment available when needed	X	
66	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		X
67	Chapter 101(9)(e)(2)	Is bonding status correct		X



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:
FORM NO. 10, 11, & 12

DISPOSAL FACILITY

Bortown

Landfill

DATE

4/12/83

Heavy rain last week

Lagoon has only 3 ft freeboard

Treatment tanks $\frac{2}{3}$ to $\frac{3}{4}$ full.

Hole catching leachate from lagoon underlain full - ~ 1 gal/min flowing out.

Leachate bank and conduct line leaking ~ several gal/min.

(6) Bond has been received but not yet approved by Department attorney.

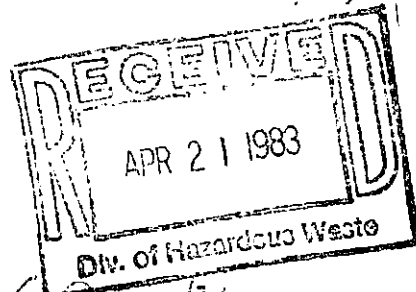
(5) Vegetation needs to be established on the north and southwest and some of the southeast slopes. Also some areas on the northeast side need seeding.

County has not yet made decision between Landfill and sewer authority. Injunction hearing still going on in Common Pleas Court.

Lagoon bank must be lowered to allow for storage capacity in the event of more rain.

Hauled 12 loads yesterday, 4 loads already today.

Few small heaps on northeast side above access road.



Department of Environmental Resources Representative

Operator

18292

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts.
Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection-Boyertown Sanitary Disposal Co., Inc.
PAD 048603005

DATE:

7/13/83

FROM: Gregory Koltonuk *gk*
Environmental Scientist (3AW22)

TO: File

THRU: Peter Schaul *MJS for TS*
Chief, Waste Enforcement Section (3AW22)

THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS
INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE
VIOLATIONS.

HAZARDOUS WASTE INSPECTION REPORT
TSD Facilities - Part A

45483

Date of inspection 4/26/83 Time start 9³⁰ Time finish _____

Name of inspector THOMAS SHEEHAN

Company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC.

Location 300 MERKEL RD, GILBERTSVILLE, PA

County MONTGOMERY Municipality DOUGLASS TWP

Identification number PA 0048603005

Name of responsible official MR. WARREN FRAME

Title ~~Owner~~ Pres.

Mailing address P.O. Box 360, R.D. 1, GLENMORE, PA.

Area code and phone no. (215) 458-5274

Name of person interviewed MR. MICHAEL MILLER

Title VICE-PRES.

Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA.

Area code and phone no. (215) 367-7524

1. Site characterization:

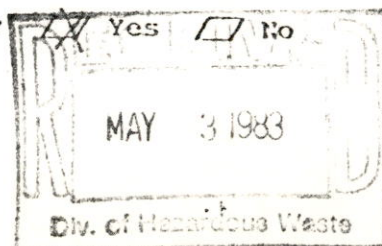
- a. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological
- b. ☒ Storage - ☐ containers, ☐ tanks, ☒ surface impoundments, ☐ waste piles
- c. ☒ Disposal - ☐ land treatment, ☒ landfill, ☐ incineration, ☐ thermal treatment
- d. ☐ Use, ☐ reuse, ☐ recycle, ☐ reclaim

2. Does the facility generate hazardous wastes? ☒ Yes ☐ No

3. Types of hazardous waste produced by Hazardous Waste Number:
LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE
IS LANDFILLED

4. Are hazardous wastes transported off-site by the facility?

trucked to TSD
LEACHATE GOES TO A POTW.



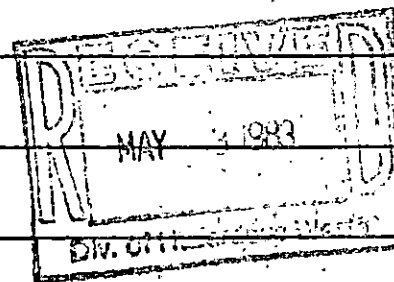
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

IDENTIFICATION NUMBER (1-7) 100550		INSPECTION DATE (9-14) 4/26/83	INSPECTORS SOC. SEC. NO. (18-24) _____
NAME OF DISPOSAL FACILITY Boysertown Sanitary Deposit Co. Inc.		FACILITY ADDRESS 300 Market Rd. Sellersville, Pa.	
MUNICIPALITY Douglas Twp.	COUNTY Montgomery		
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) Mr. Michael M. Miller, V. Pres.			
DAILY VOLUME RECEIVED _____	ANNUAL REPORT RECEIVED yes	DAYS PER WEEK OPERATED 5 1/2	

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27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(i)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
29 75.21(q)	Approved operational safety program being utilized	X		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	X		
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift		(X)	
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site		(X)	
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department		(X)	
38 75.24(c)(2)(xi) & 75.38 II(8)(vii)	Adequate source and type of cover material being utilized	X		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations		(X)	
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	X		

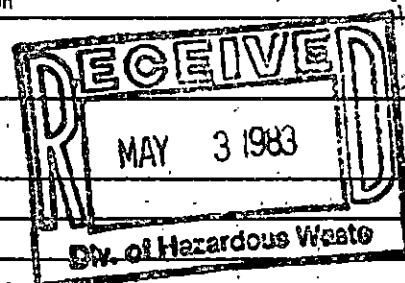


**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT**

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FORM NO. 10**

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54	75.26(f)	Regulation ban on open burning adhered to	X	
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X	
	75.26(i) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	✓	
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X	
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66	Chapter 101(9)(e)(2)	Is bonding status correct	X	



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

Time - 9:30 AM

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

Weather Clear, sunny

COMMENTS:
FORM NO. 10, 11, & 12

Situation with leachate seeps
Same as 4/22/83 report

DISPOSAL FACILITY

Baystream

Landfill

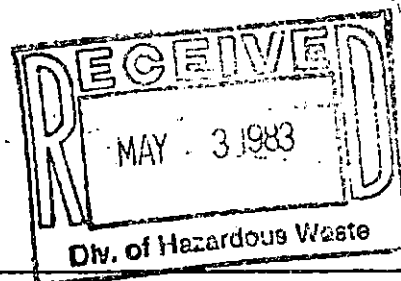
DATE

4/26/83

- Lagoon - 1/2 full

4 Comprehensive closure of the southwest side of landfill and part of the southeast side is needed as noted in 4/22/83 inspection report. Also, (37) + (40) the slopes on these sides are in excess of 15% (actually ~30%) Slopes with a grade between 15% - 33% must have a 10 foot wide bench for each 20 ft vertical rise. These slopes need at least one bench and then the slope above the bench will have to be repiped to less than 33%.

Also the slope of the top part of the landfill on the northern side above the access road is well in excess of 33% and must be reworked to a grade less than 33% and then stabilized + revegetated.



Department of Environmental Resources Representative

Operator

CENTRAL OFFICE, APPLICANT, INSPECTOR, REGIONAL OFFICE